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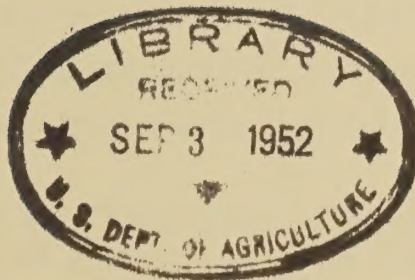
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3^o GRAPHIC SUMMARY
of the
RURAL ELECTRIFICATION
and
RURAL TELEPHONE PROGRAMS



2 U.S. UNITED STATES DEPARTMENT OF AGRICULTURE

RURAL ELECTRIFICATION ADMINISTRATION //

May 1952

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ORGANIZATION CHART

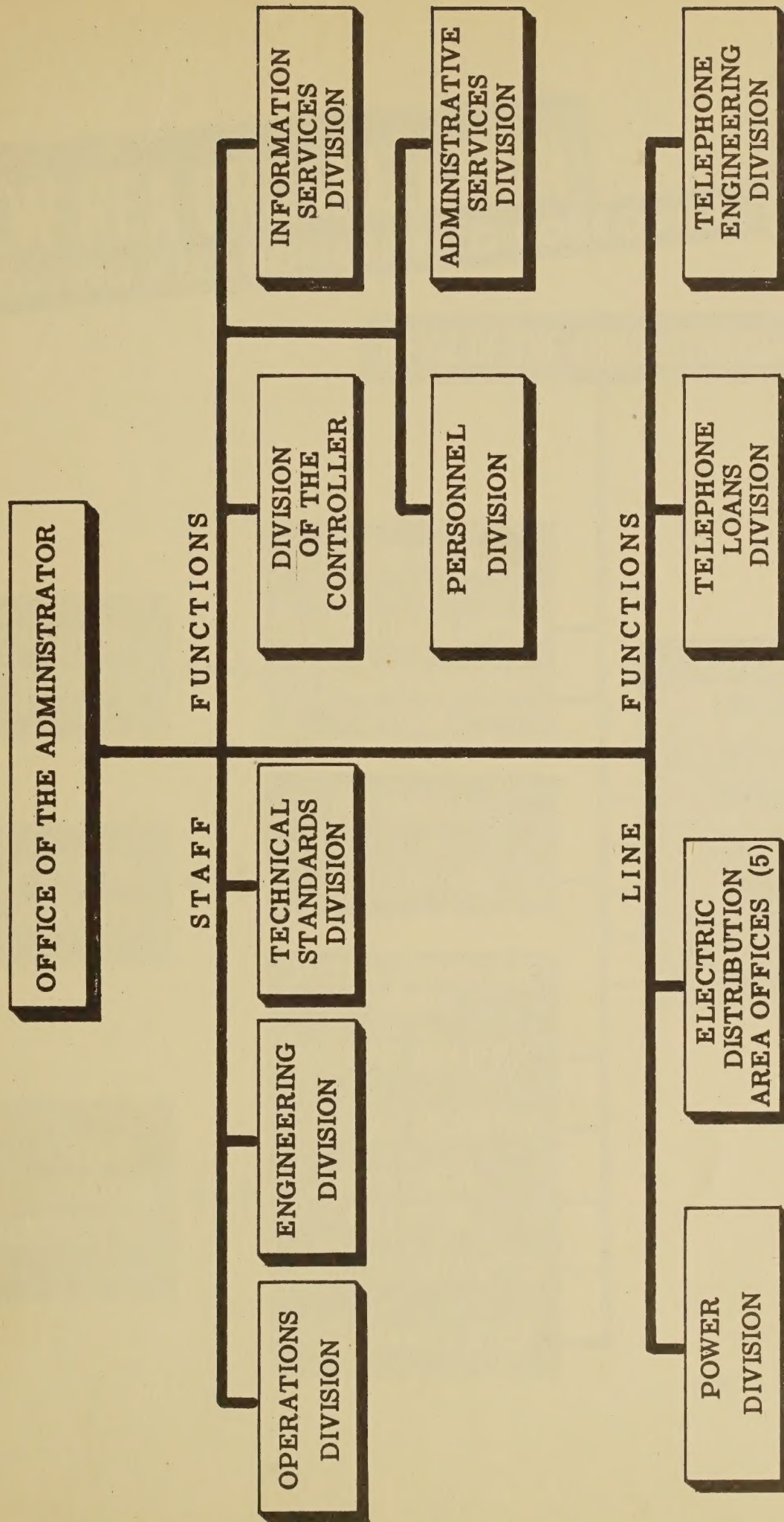


Figure 1

NEW REA ORGANIZATION

SHOWING RELATIONSHIPS TO BORROWERS

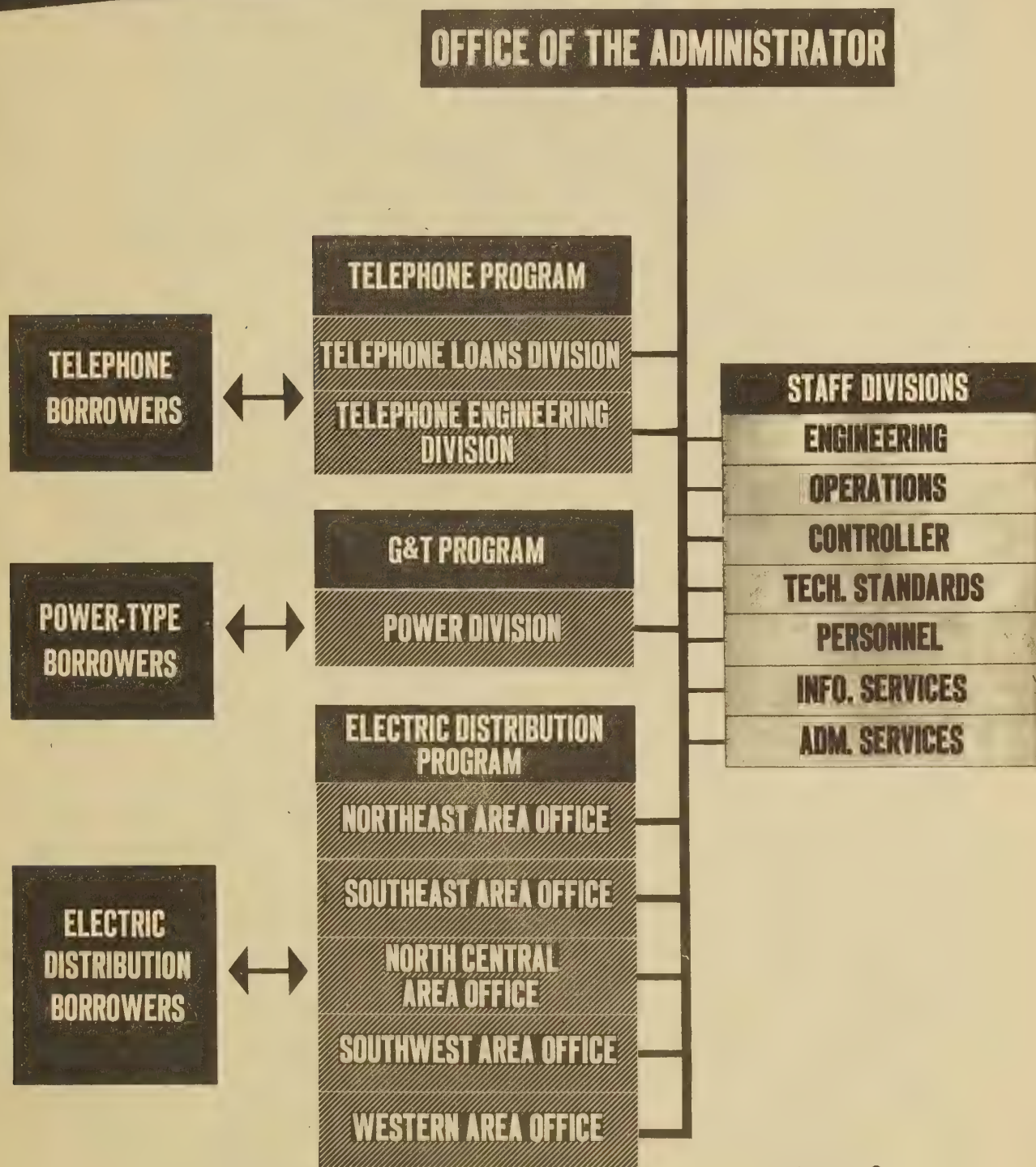


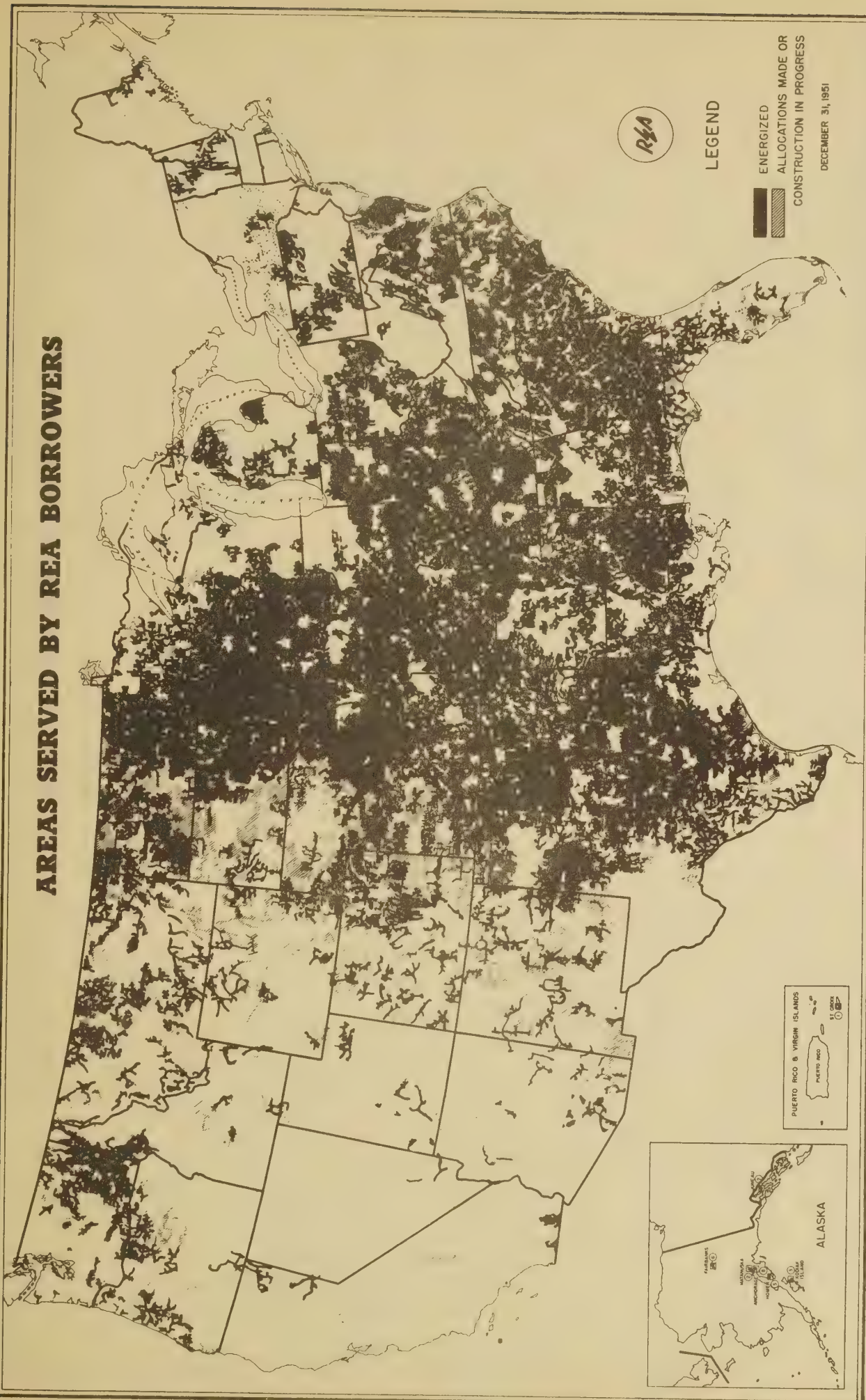
Figure 2

AREAS SERVED BY REA BORROWERS

REA

LEGEND

- ENERGIZED
- ALLOCATIONS MADE OR CONSTRUCTION IN PROGRESS
- DECEMBER 31, 1951



PUERTO RICO & VIRGIN ISLANDS
ST. JOHN

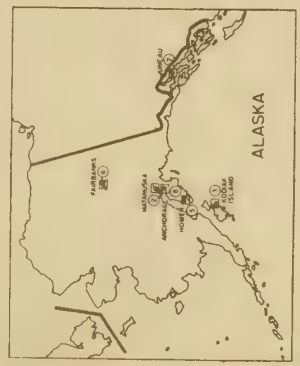


Figure 3

PERCENTAGE OF FARMS RECEIVING CENTRAL STATION ELECTRIC SERVICE, JUNE 30, 1941

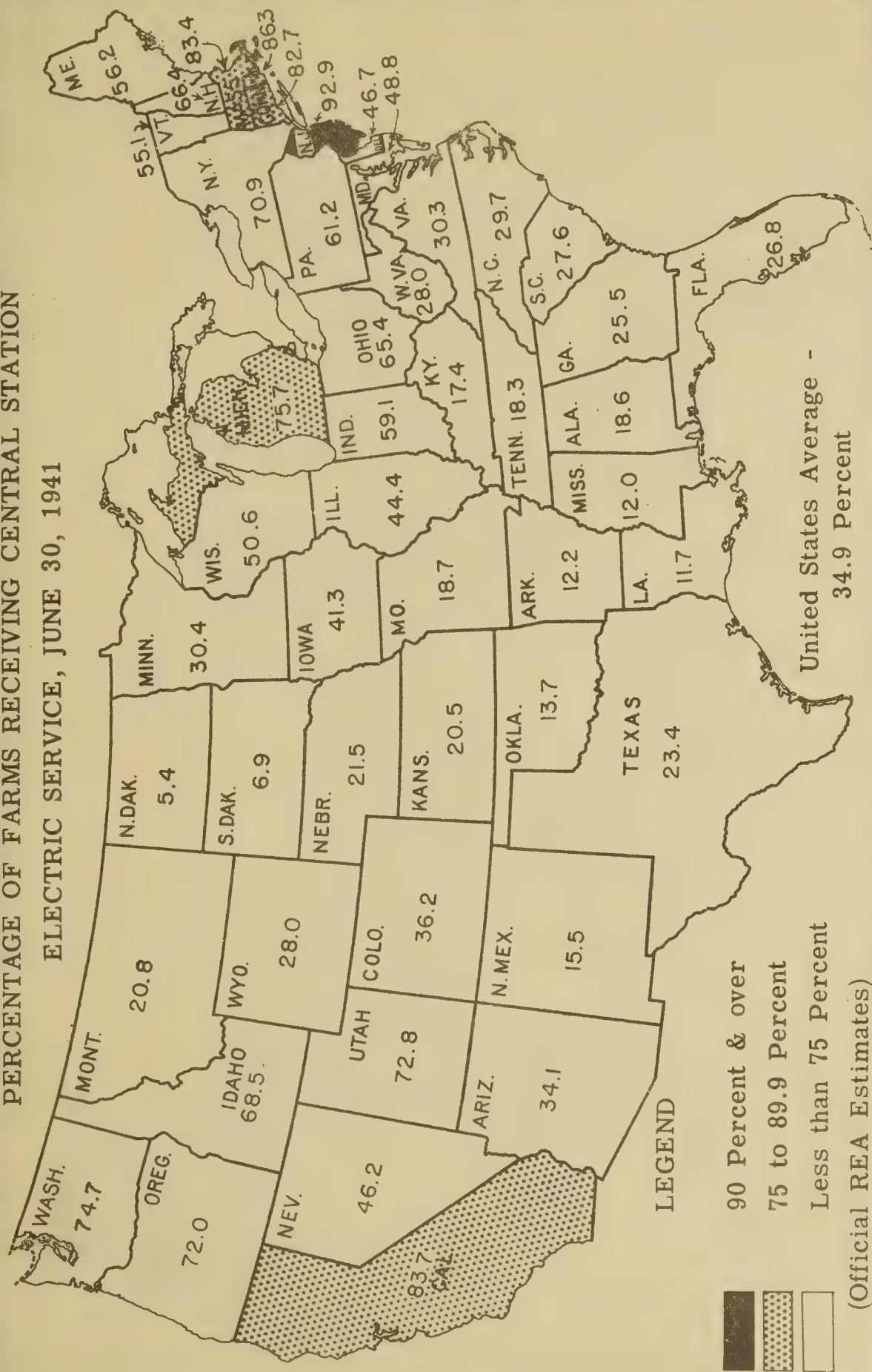
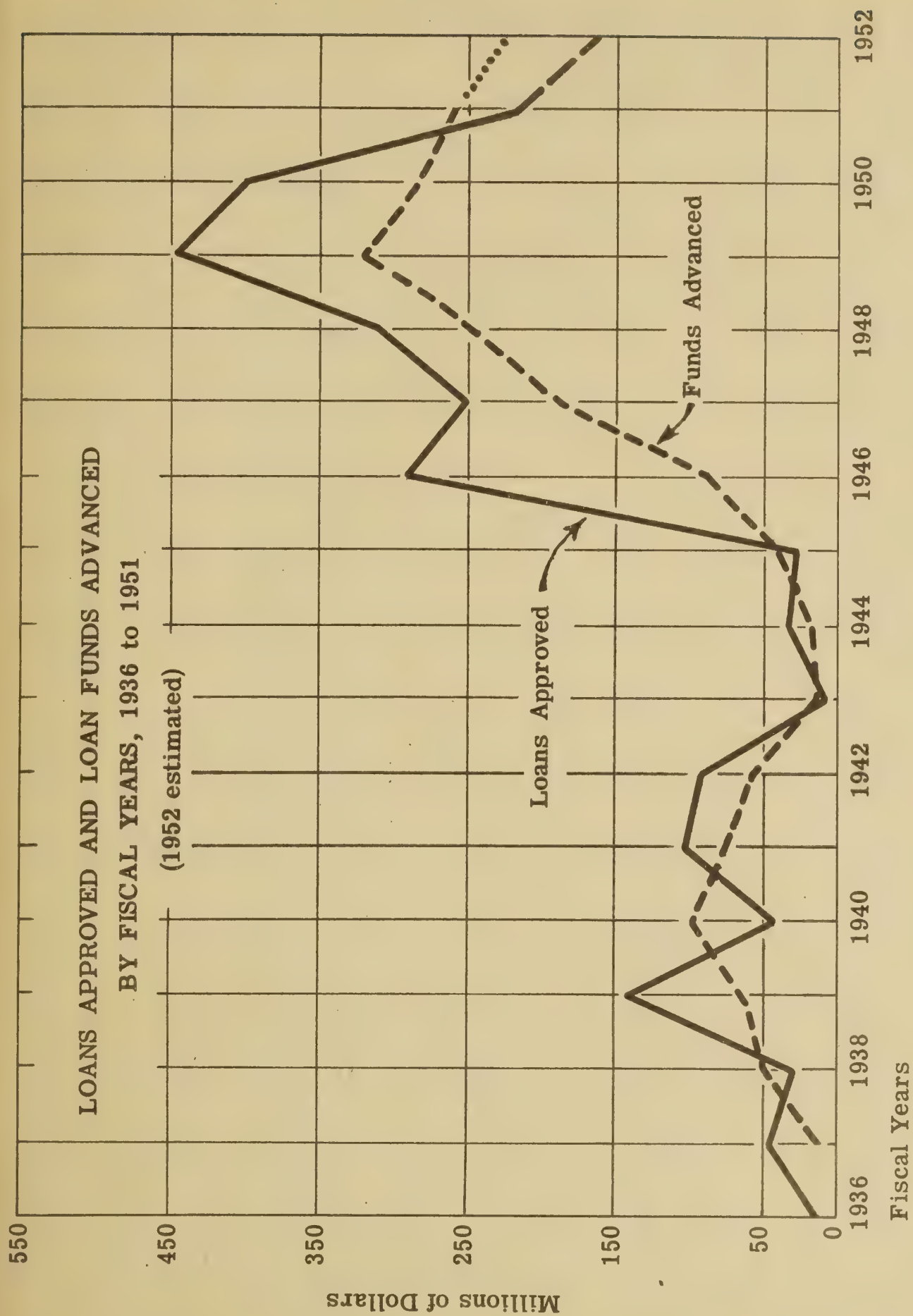


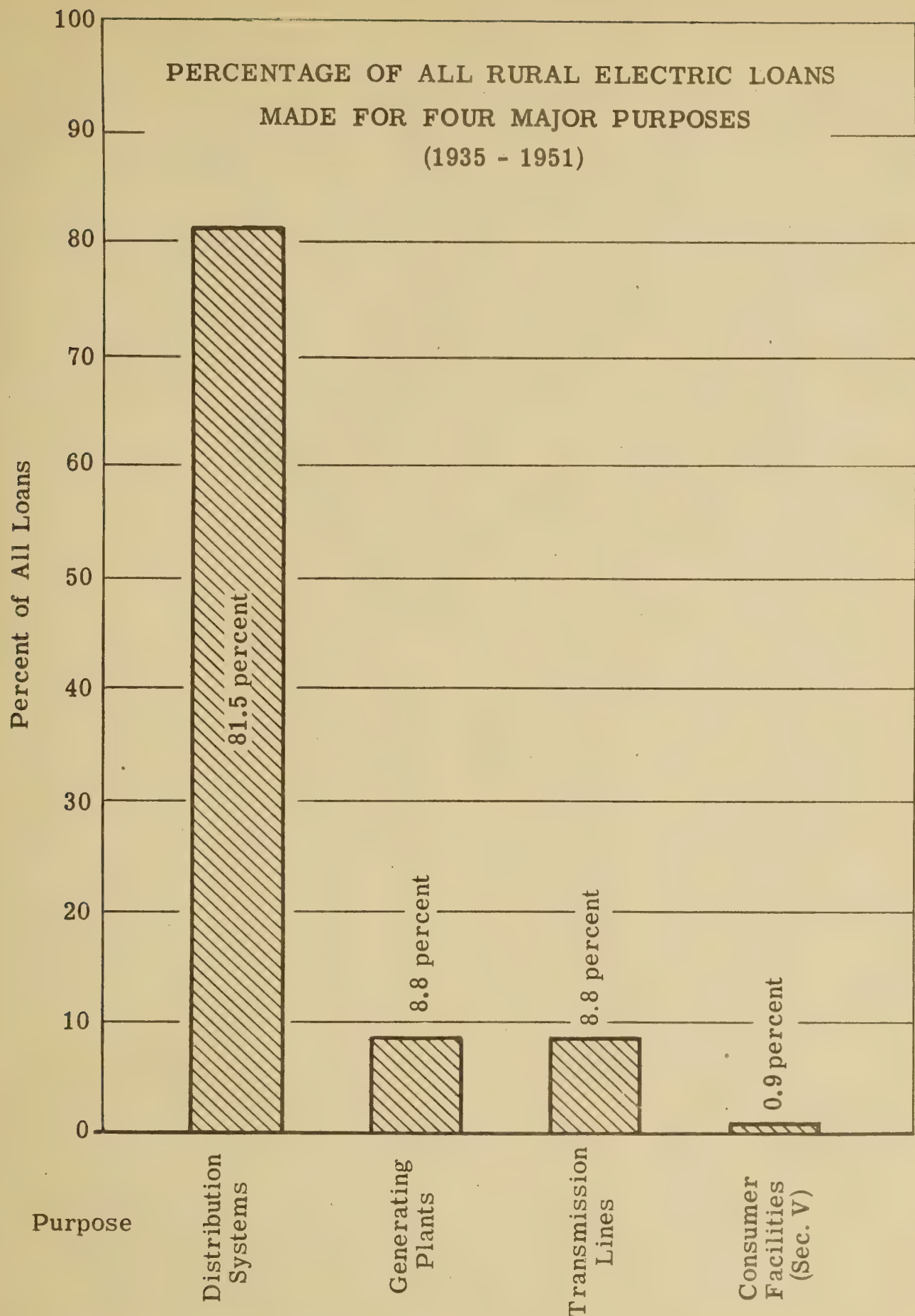
Figure 4

ELECTRIC SERVICE, JUNE 30, 1951



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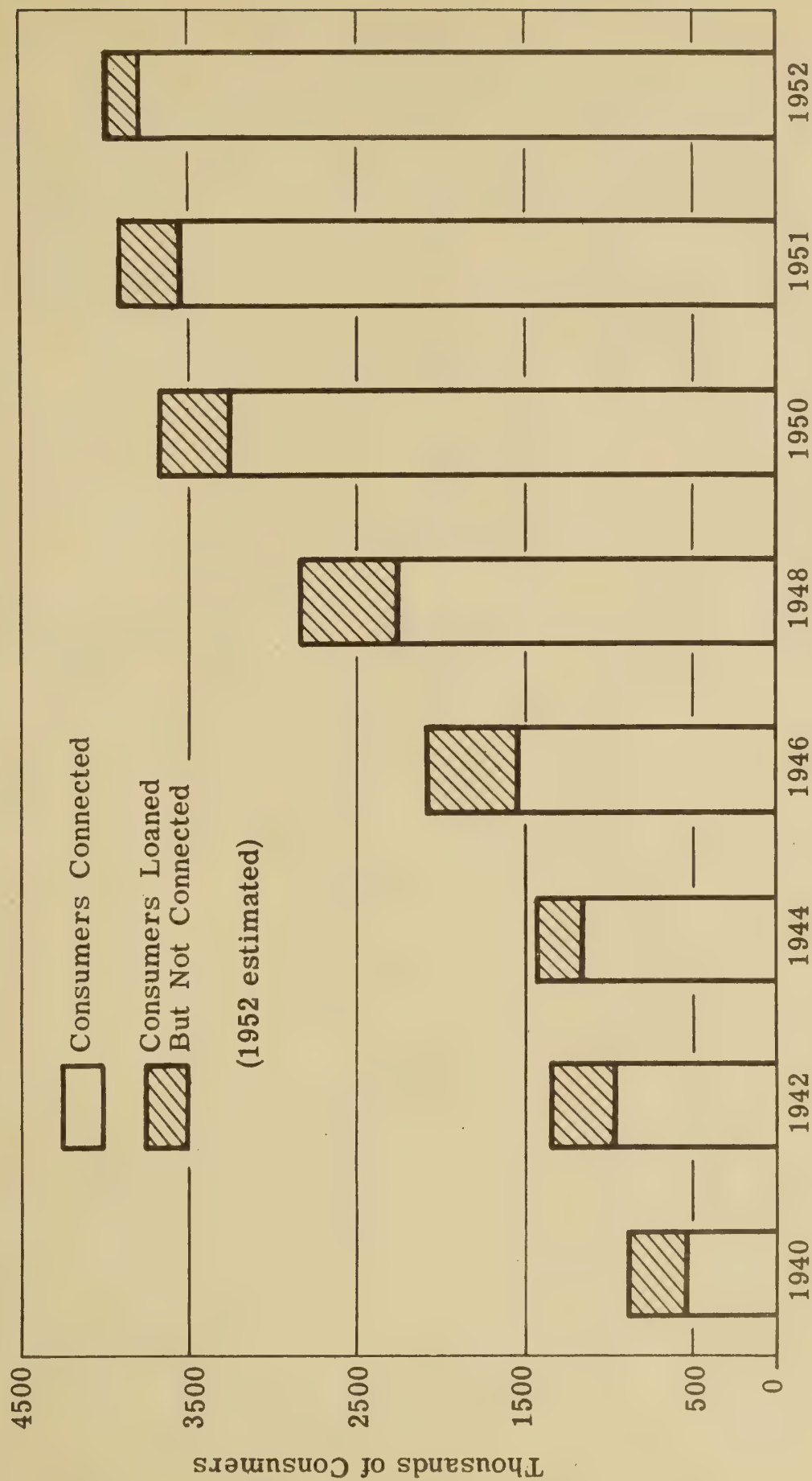


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Figure 7

CONSUMERS CONNECTED AND TO BE CONNECTED THROUGH ALL LOANS MADE

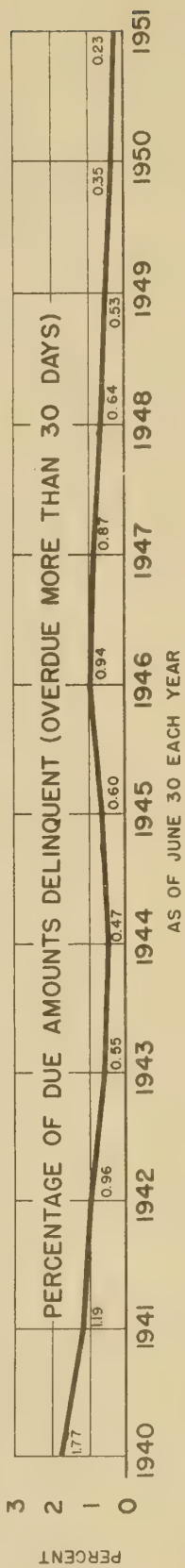
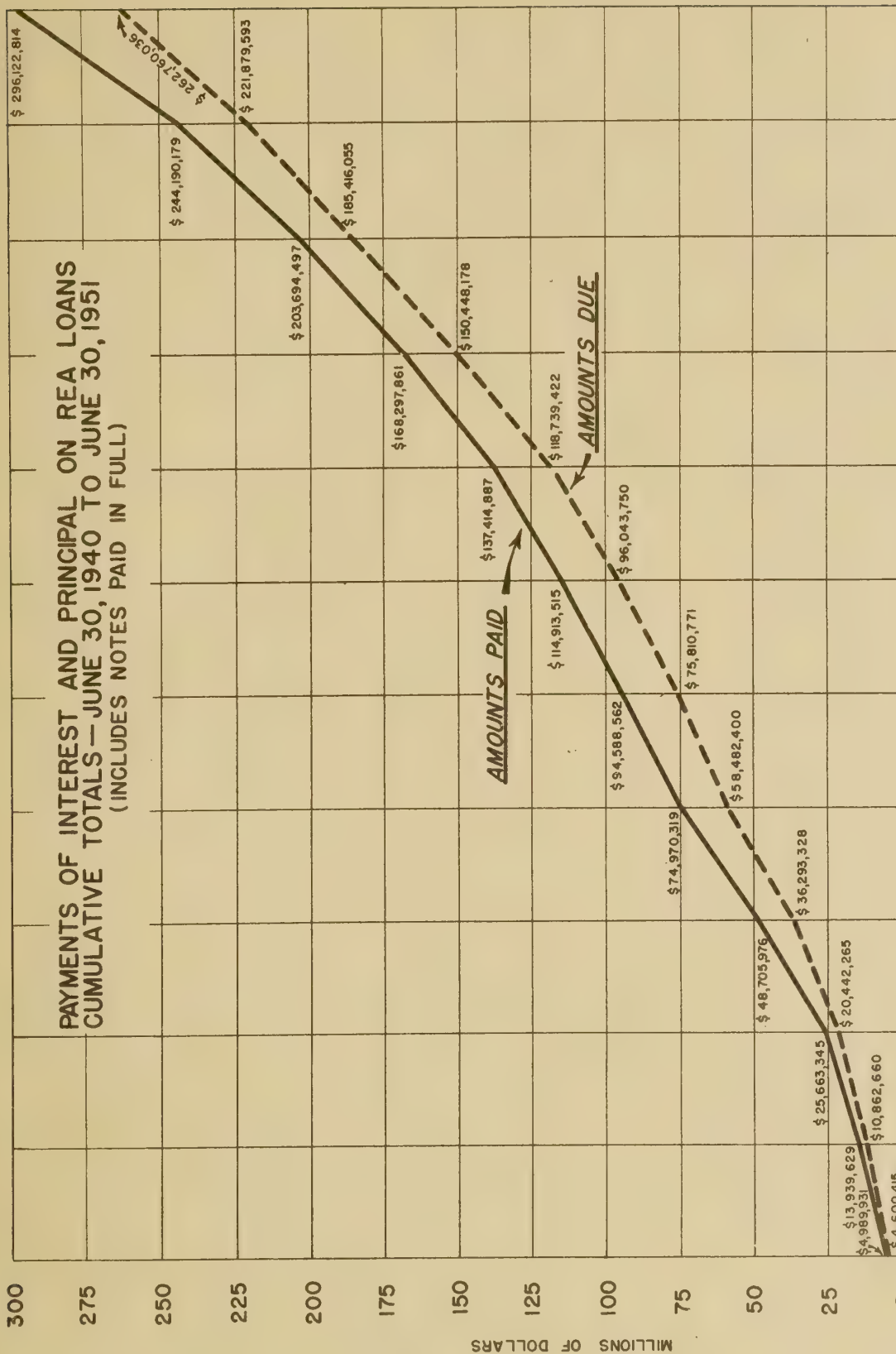


Fiscal Year

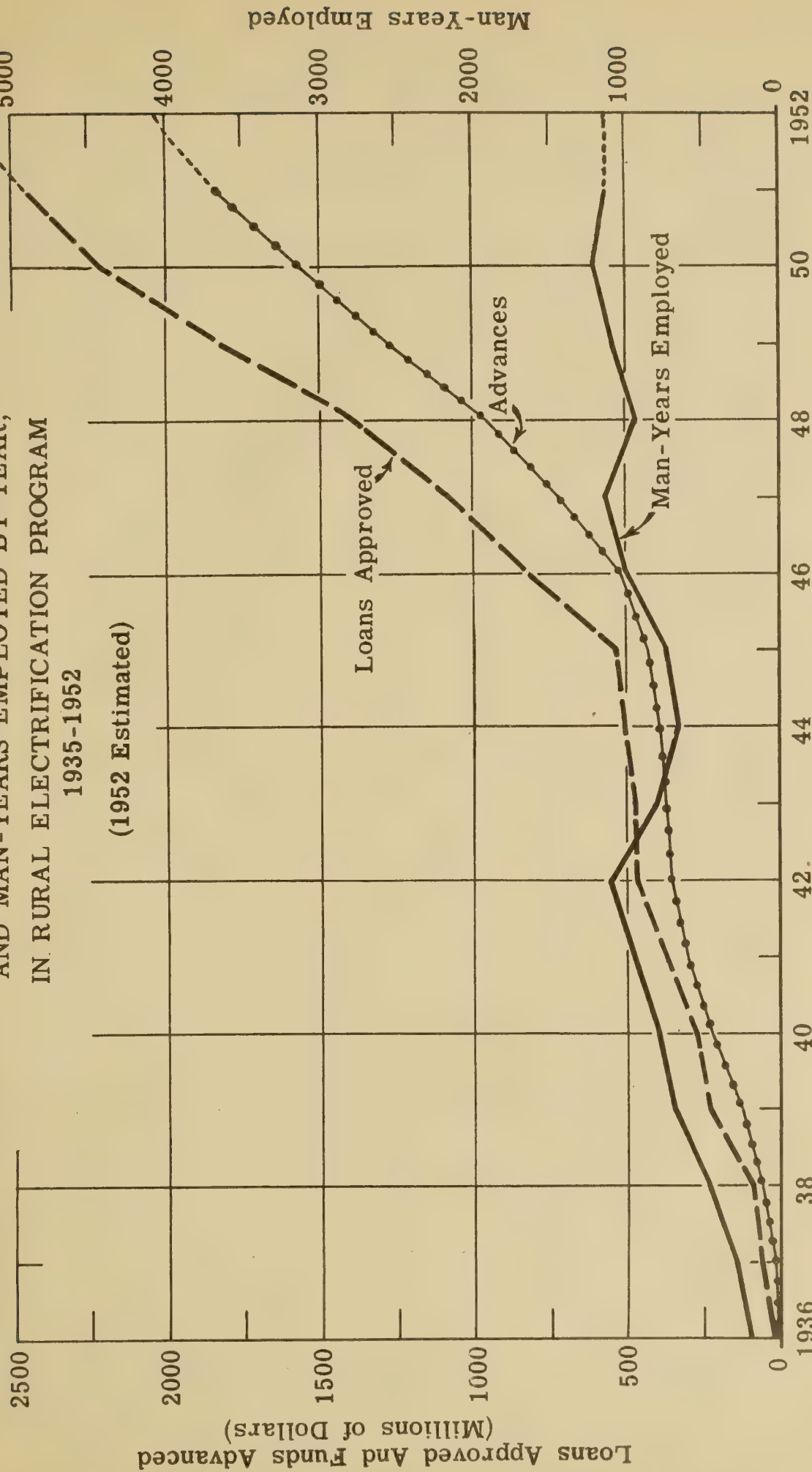
U. S. Department of Agriculture

Rural Electrification Administration

Figure 8

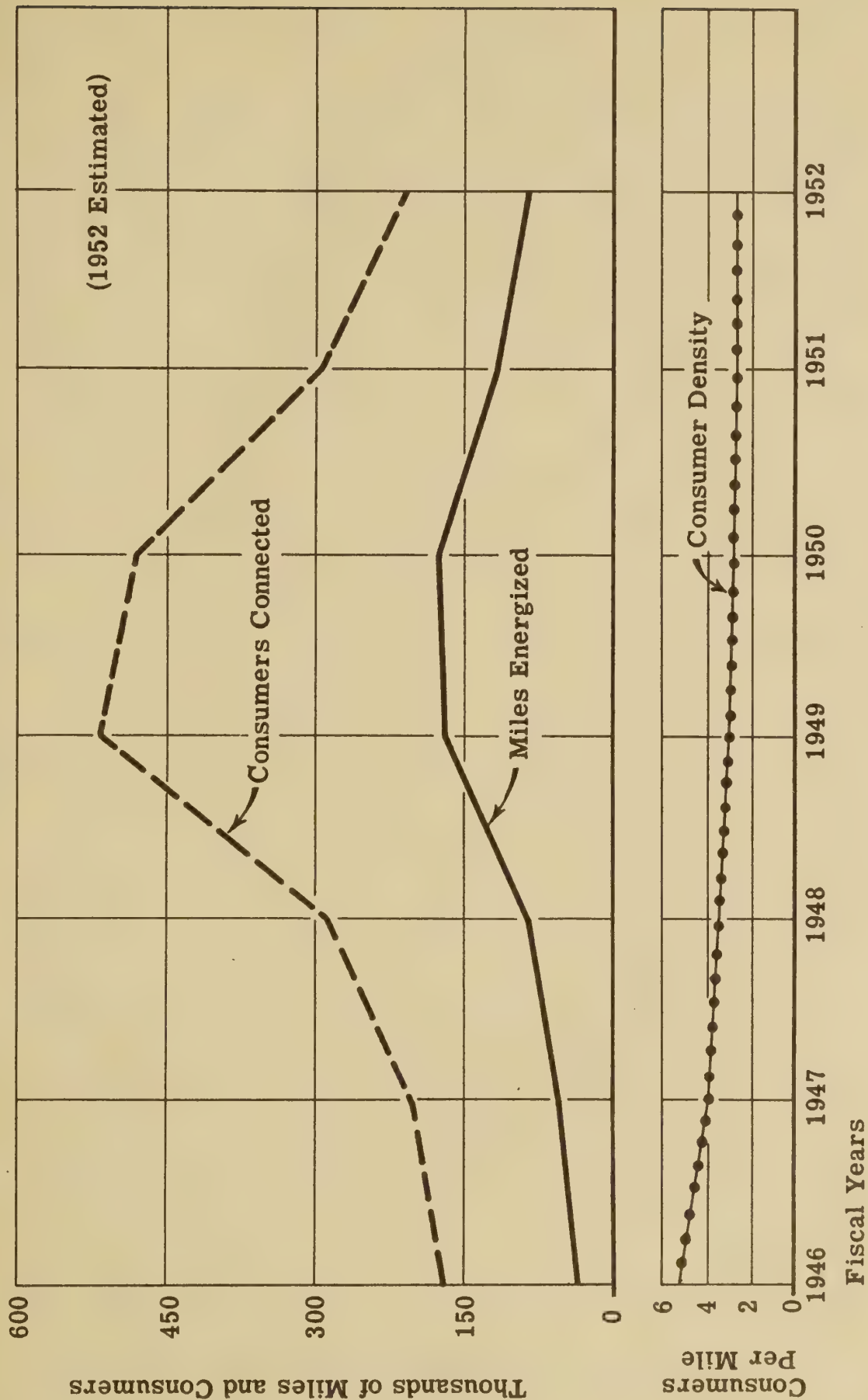


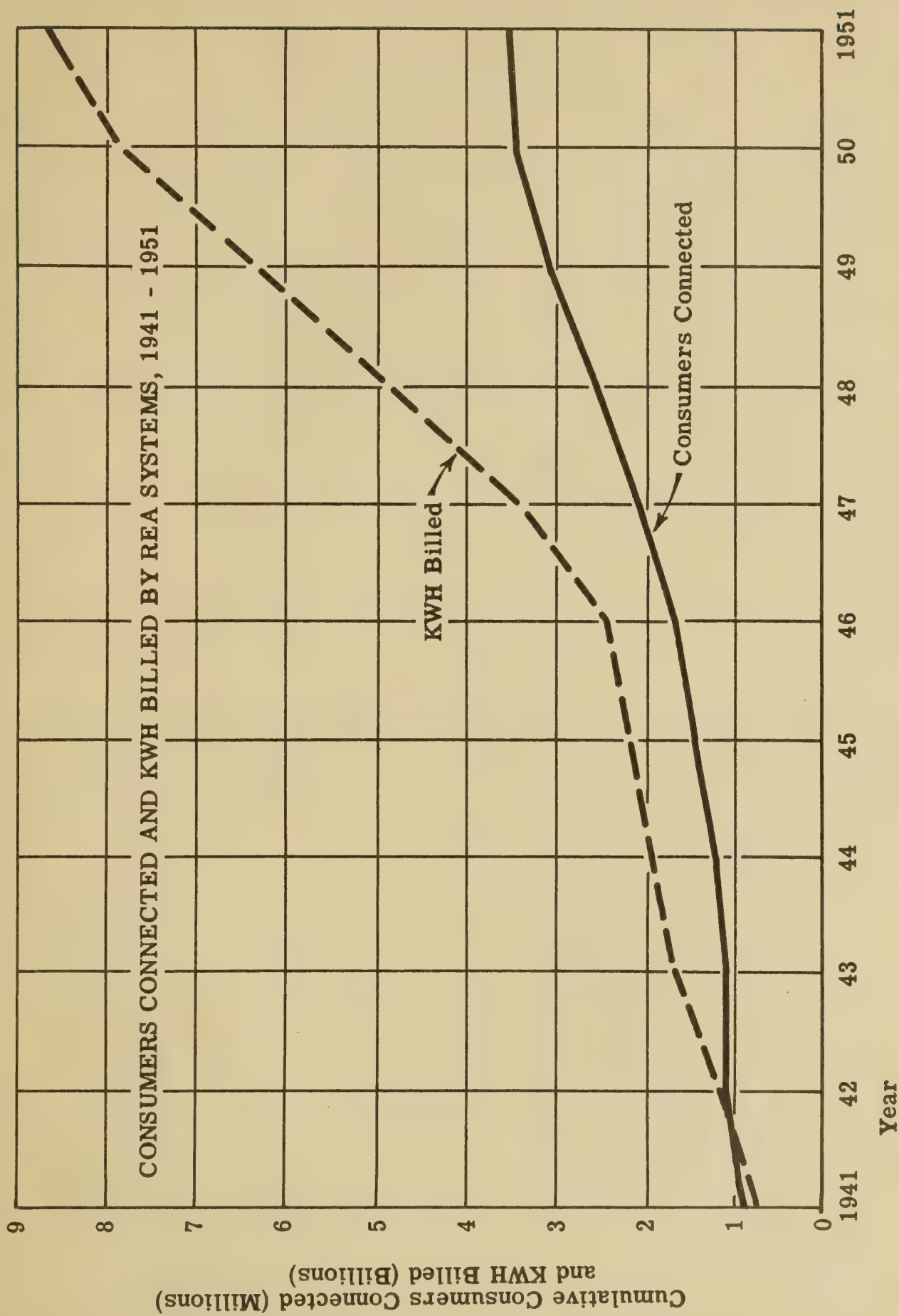
LOANS APPROVED AND FUNDS ADVANCED, CUMULATIVE BY YEAR, AND MAN-YEARS EMPLOYED BY YEAR, IN RURAL ELECTRIFICATION PROGRAM 1935-1952



MILES ENERGIZED, CONSUMERS CONNECTED AND CONSUMER DENSITY, BY FISCAL YEARS

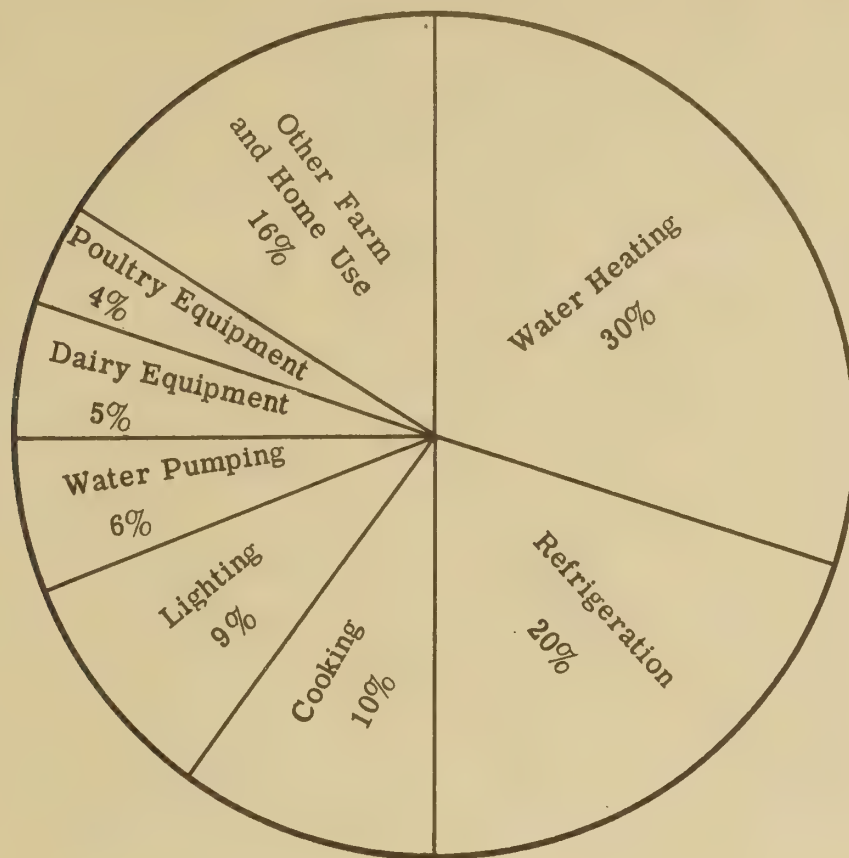
REA SYSTEMS, 1946 - 1952





MAJOR FARM AND HOME USES OF ELECTRICITY MAKING UP THE

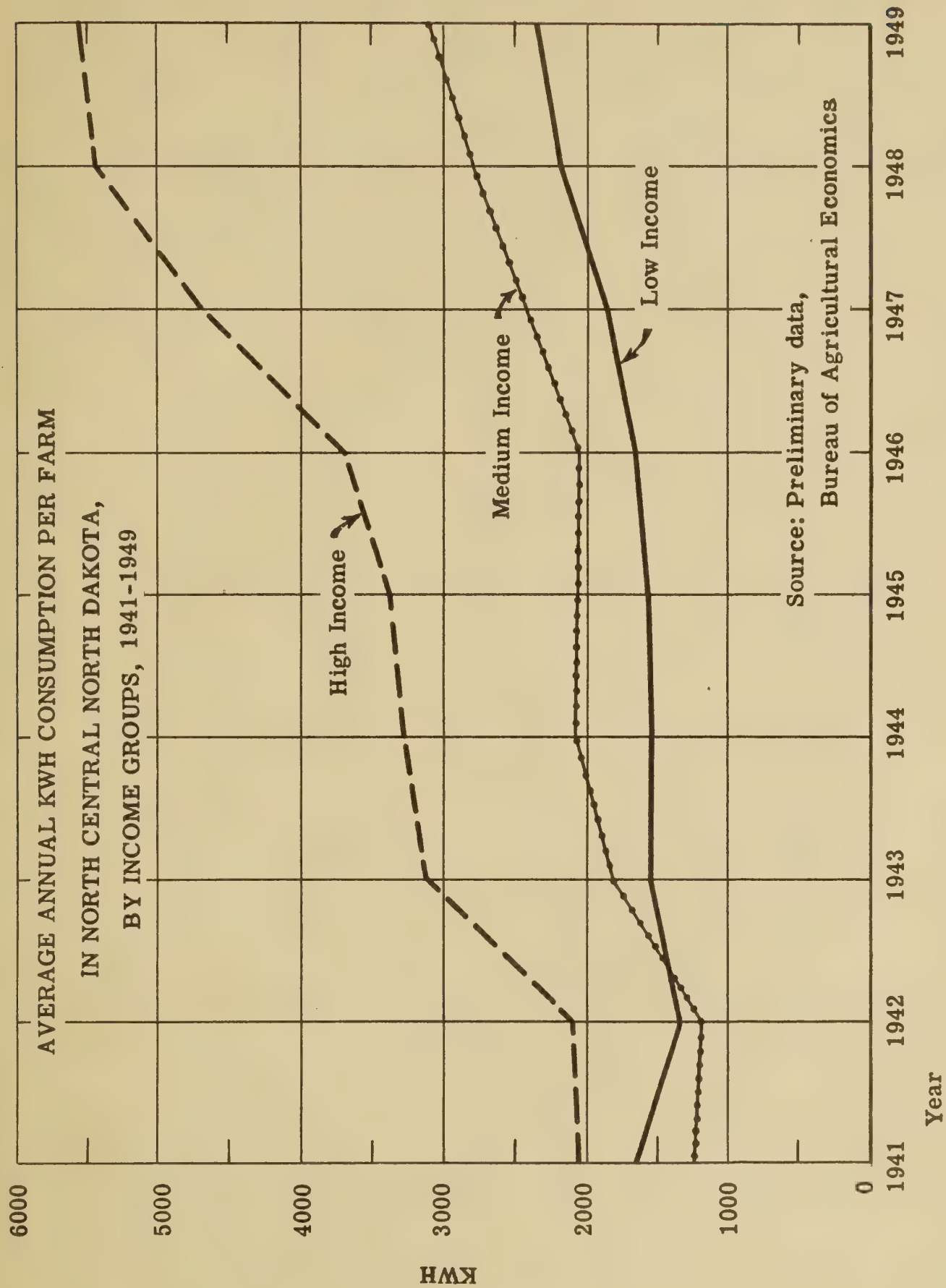
KILOWATT HOUR LOAD OF REA BORROWERS



PERCENT OF FARMS PLANNING TO USE ELECTRIC APPLIANCES AND EQUIPMENT OF SPECIFIED TYPES AS INDICATED BY FIELD SURVEYS OF REA BORROWERS

APPLIANCE	PERCENT	APPLIANCE	PERCENT
1. Lights	100	16. Waffle Iron	39
2. Radio	100	17. Water Heater	33
3. Iron	98	18. Food Freezer	32
4. Washing Machine	88	19. Pump Jack (Water Pumping)	29
5. Refrigerator	78	20. Hot Plate	28
6. Toaster	75	21. Range	27
7. Pressure System	62	22. Heating Pad	26
8. Tool Grinder	53	23. Welder	21
9. Vacuum Cleaner	46	24. Percolator	20
10. Drill Press	42	25. Evaporative Cooler	18
11. Household Fan	41	26. Milking Machine	16
12. Clock	41	27. Electric Fence	13
13. Food Mixer	41	28. Churns	11
14. Cream Separator	41	29. Milk Cooler	6
15. Poultry Brooder Hover	40	30. Freezer (Walk-In)	5

Source: Based on appliance surveys of 197 rural electric cooperatives in 33 states. These surveys covered approximately 25,000 farms. (Figures exclude irrigation)



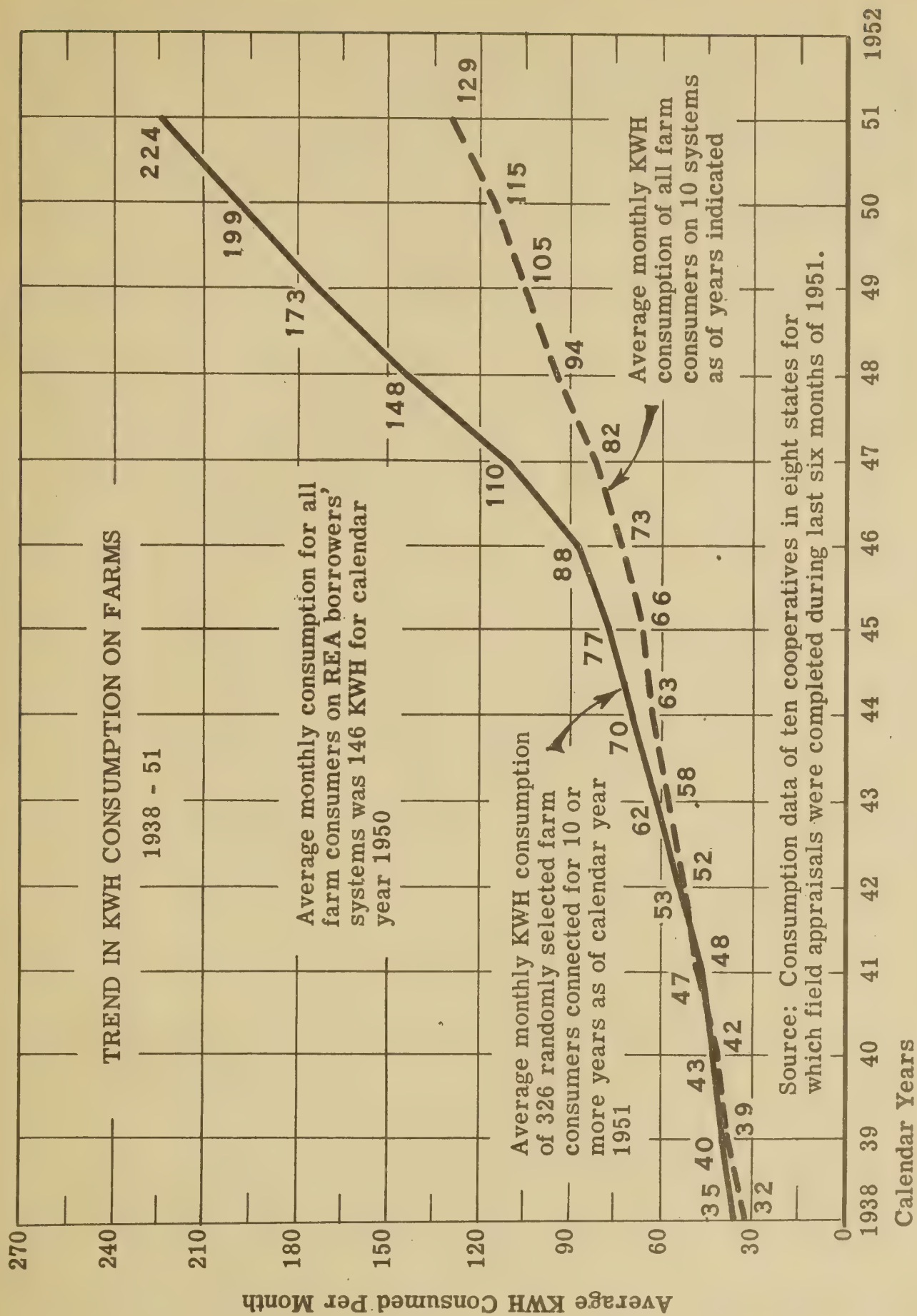
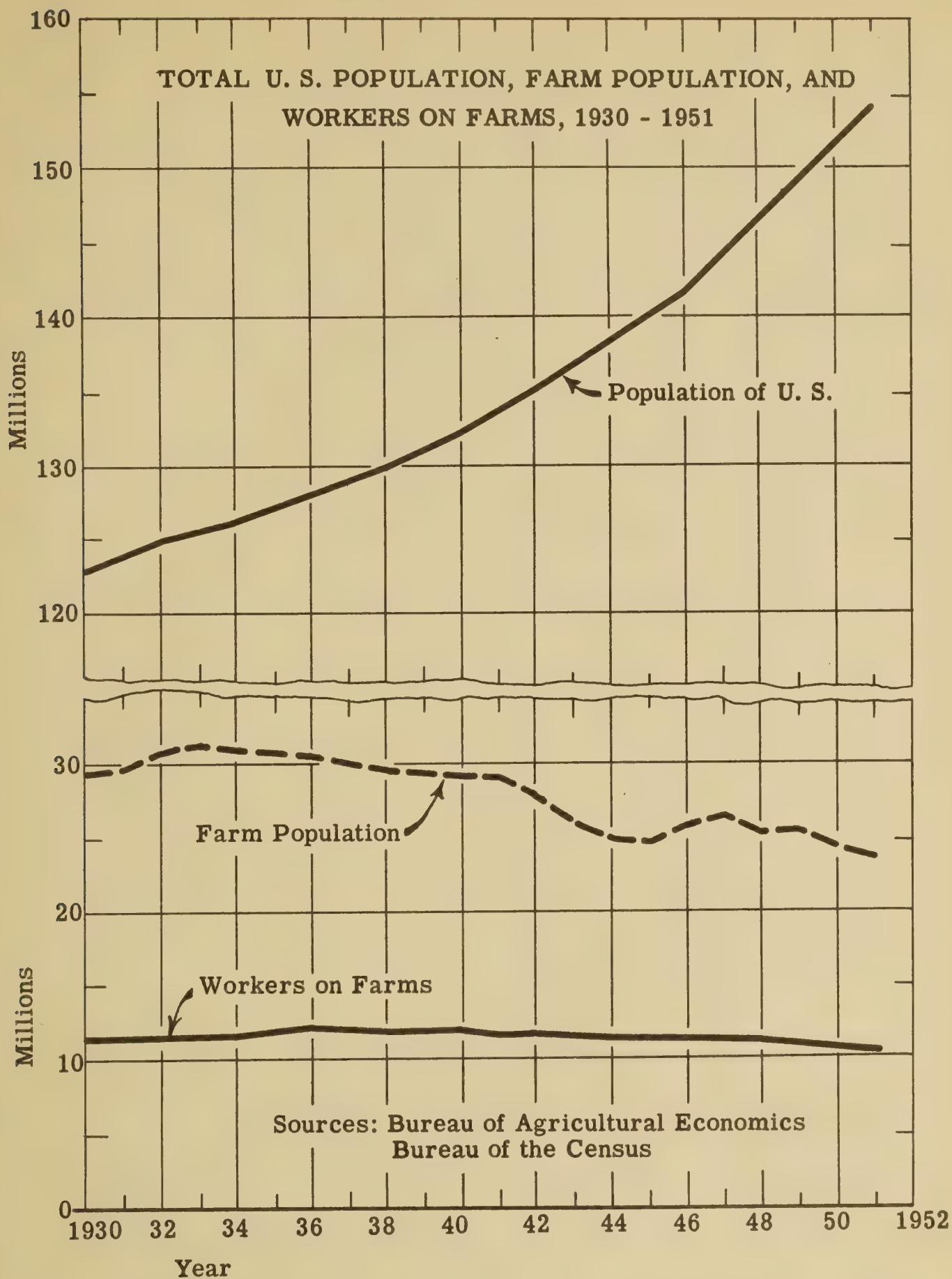
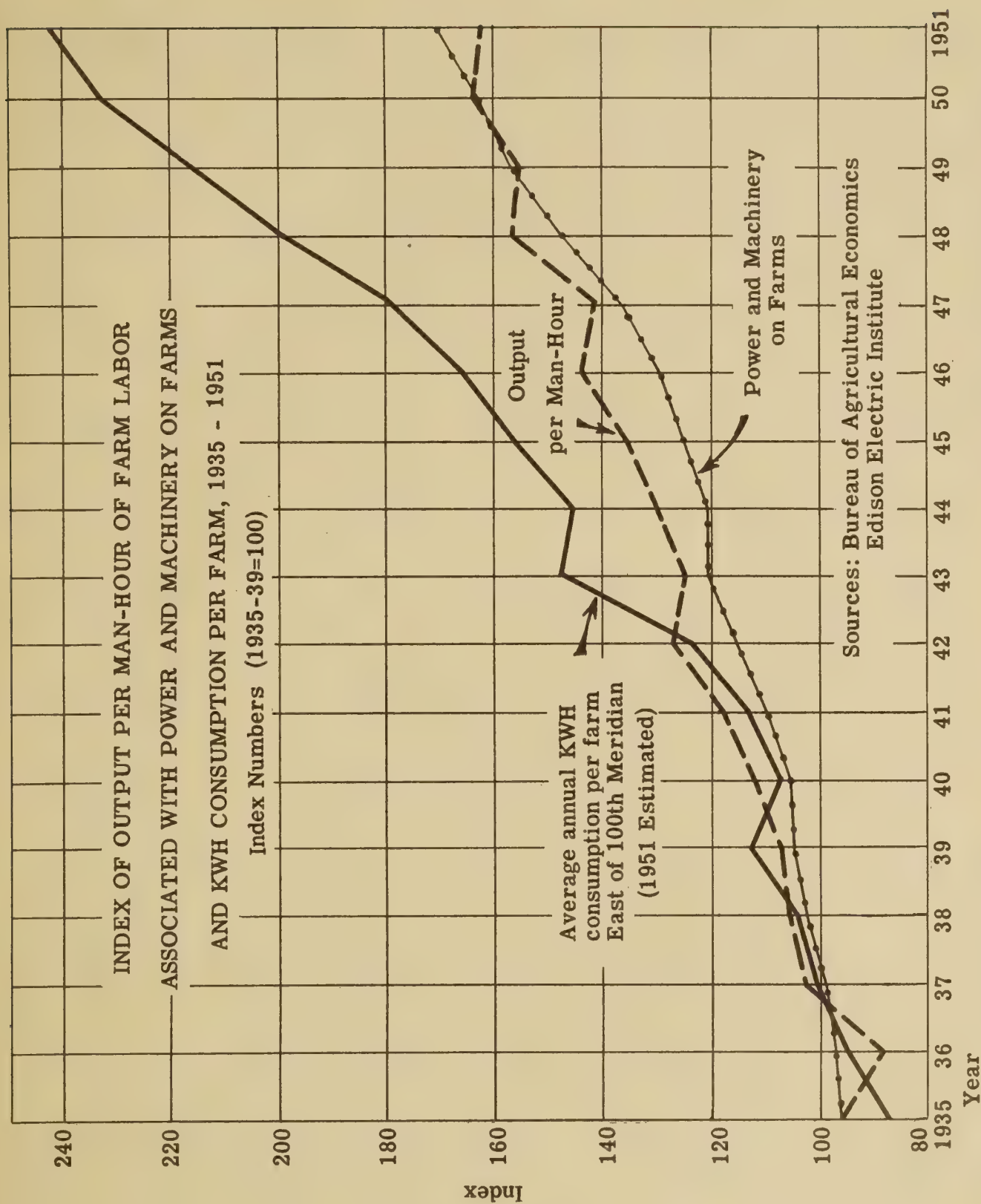
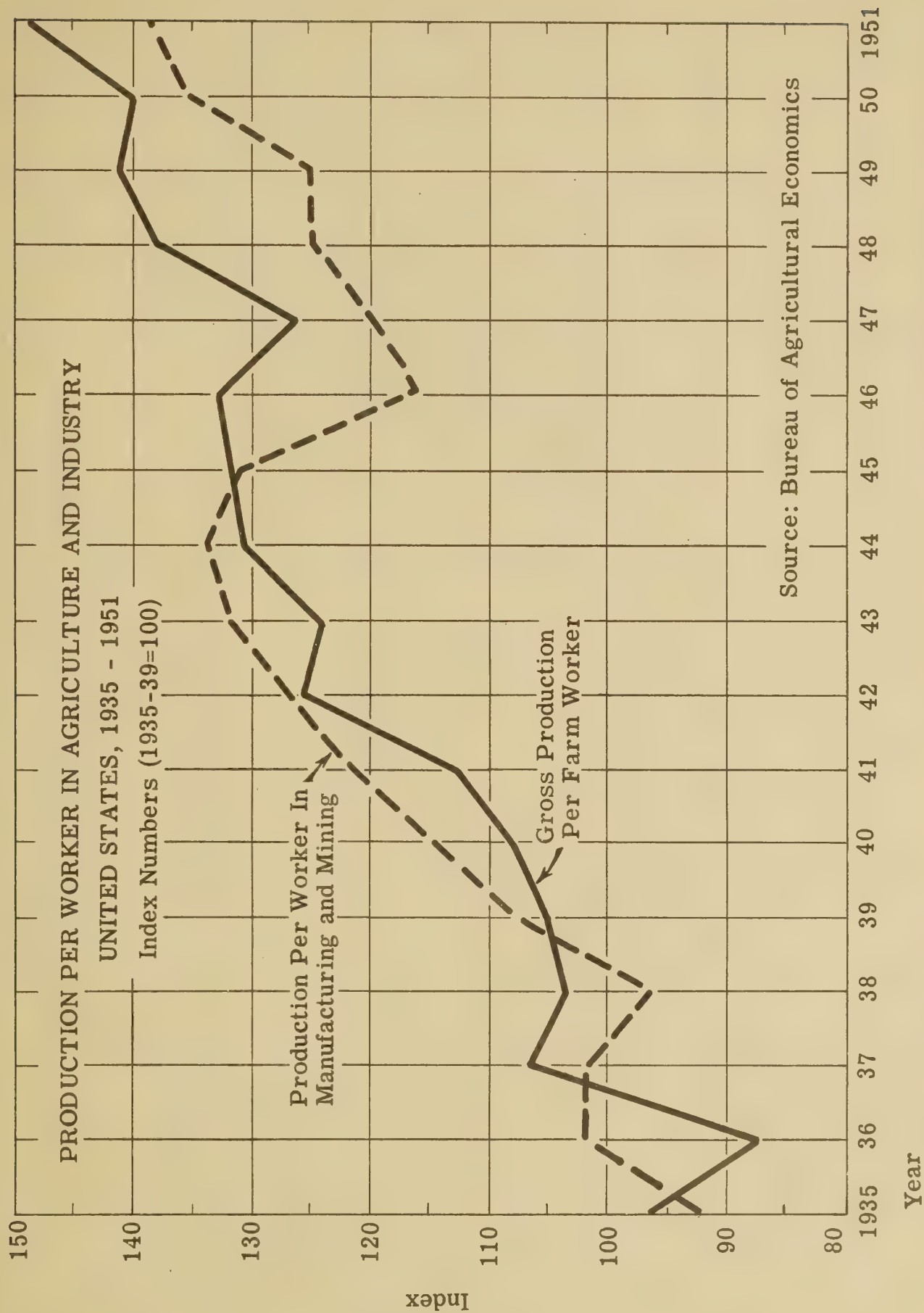


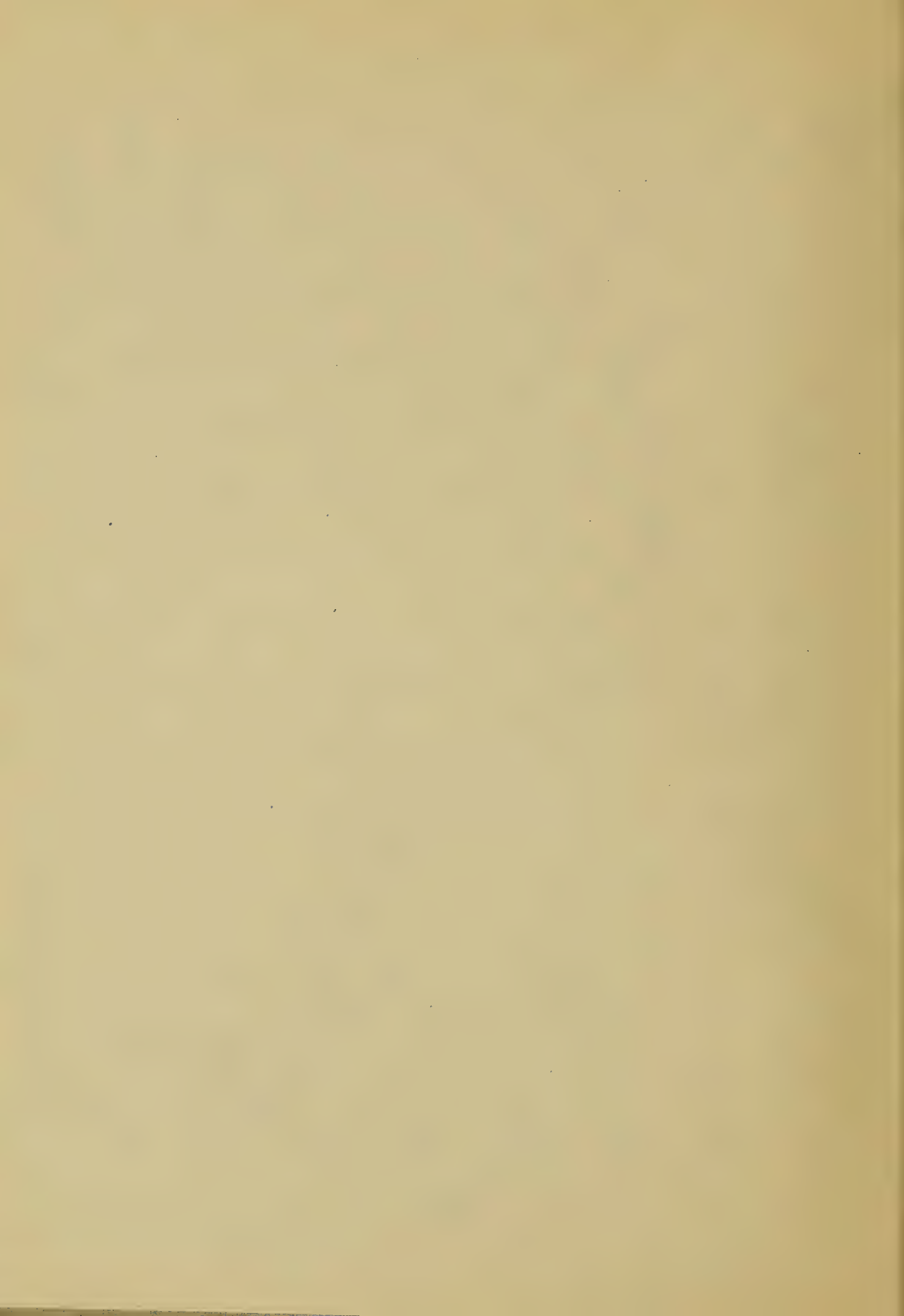
Figure 15



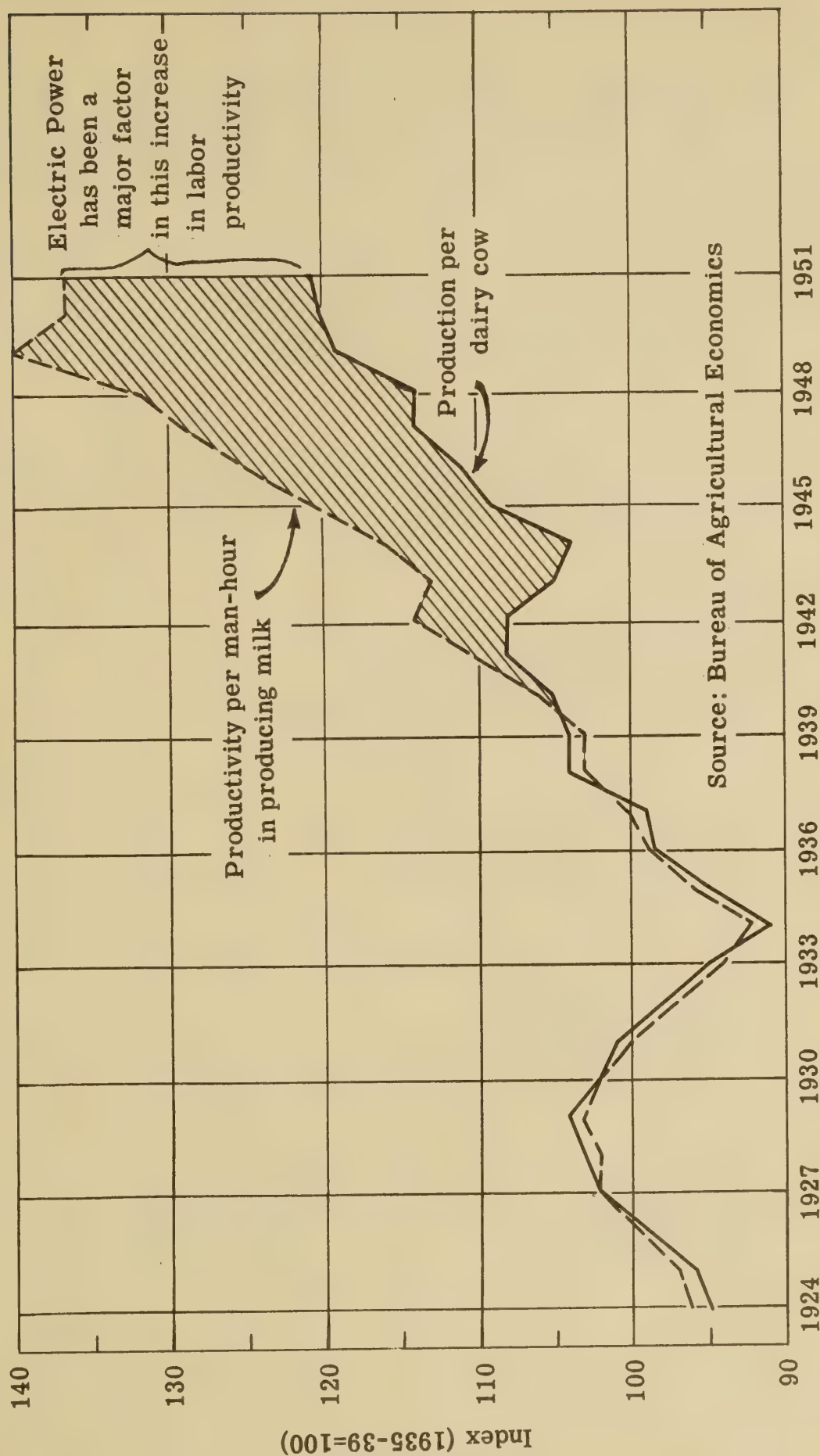
U. S. Department of Agriculture Rural Electrification Administration
Figure 16

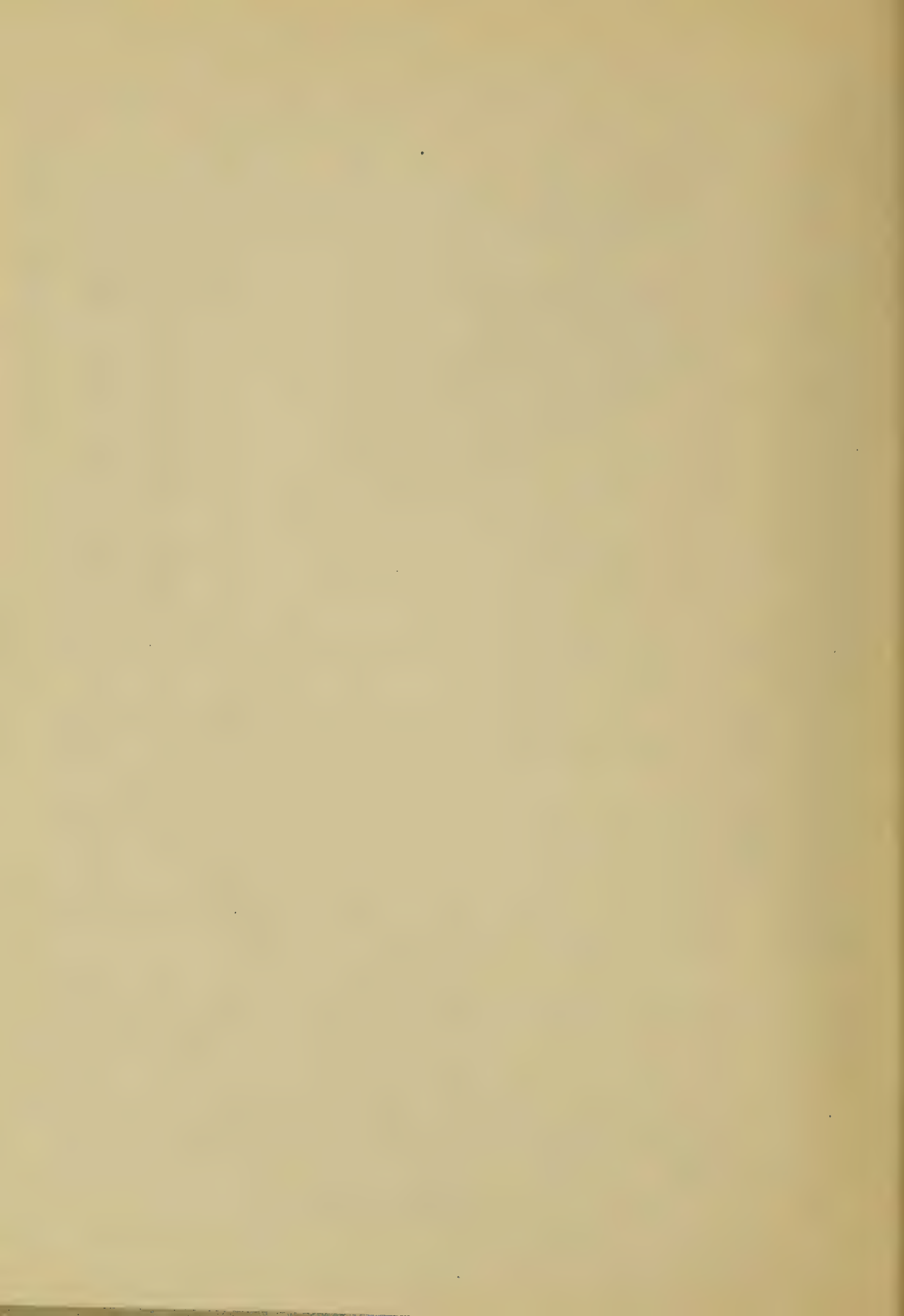


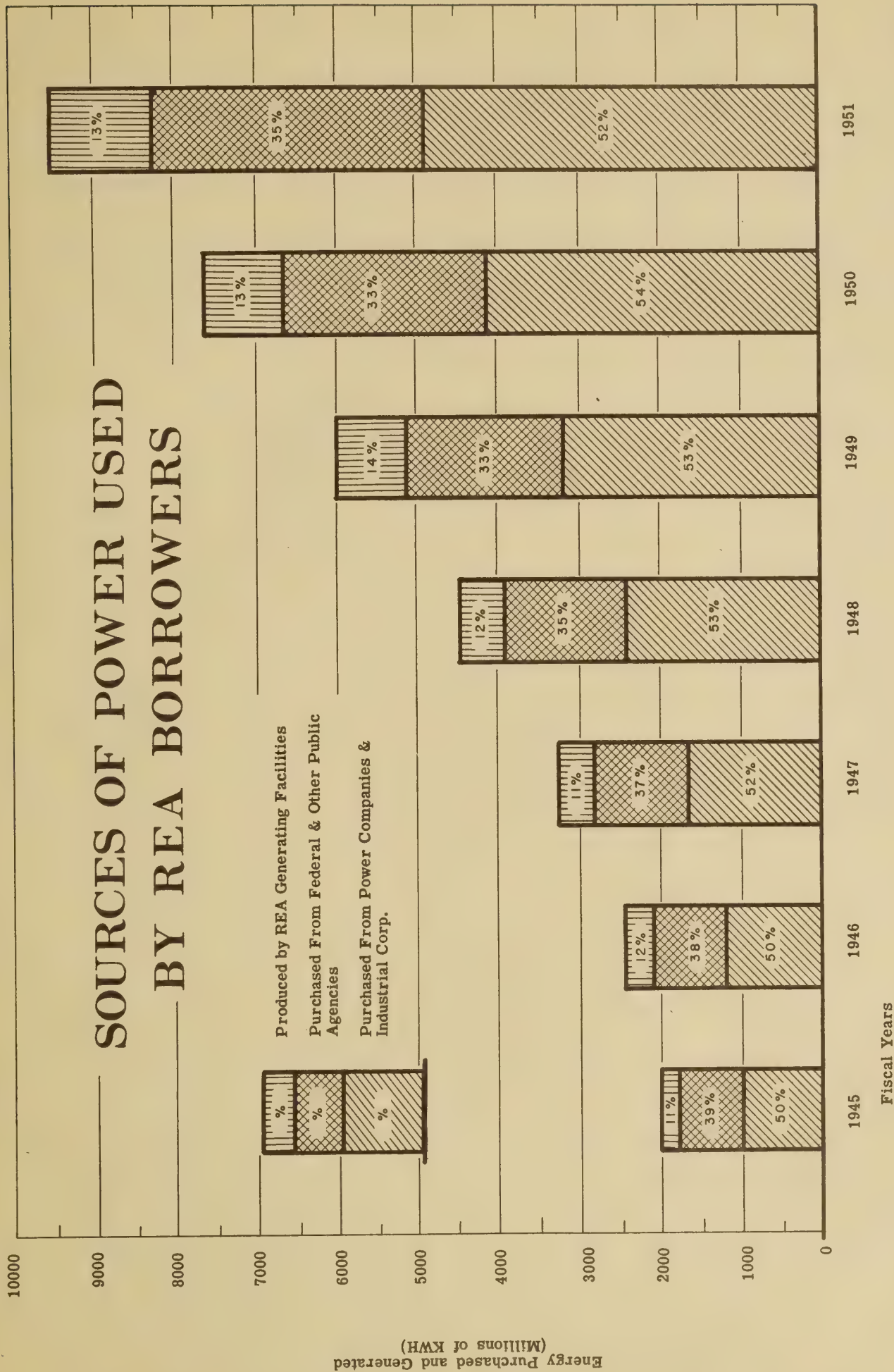


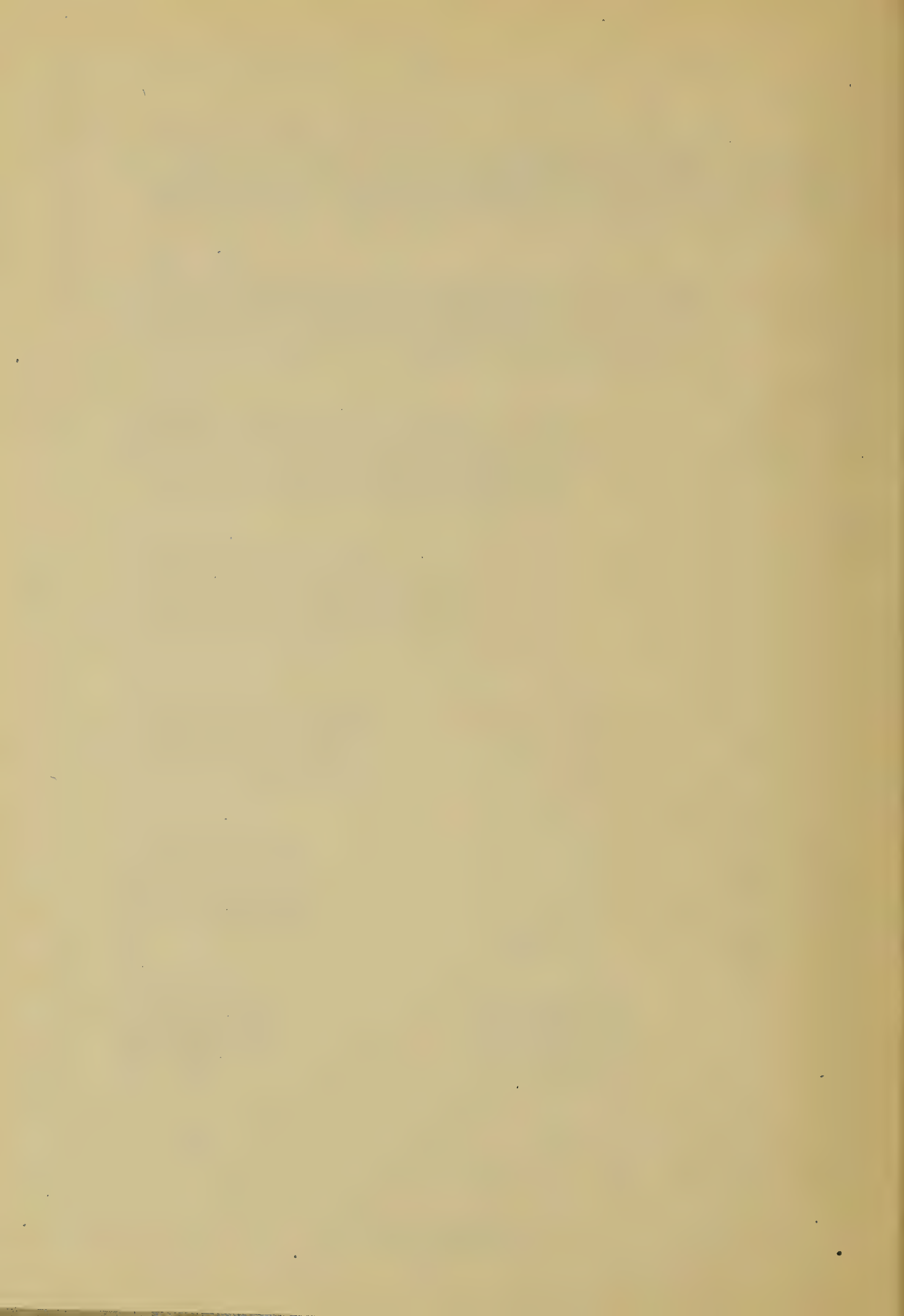


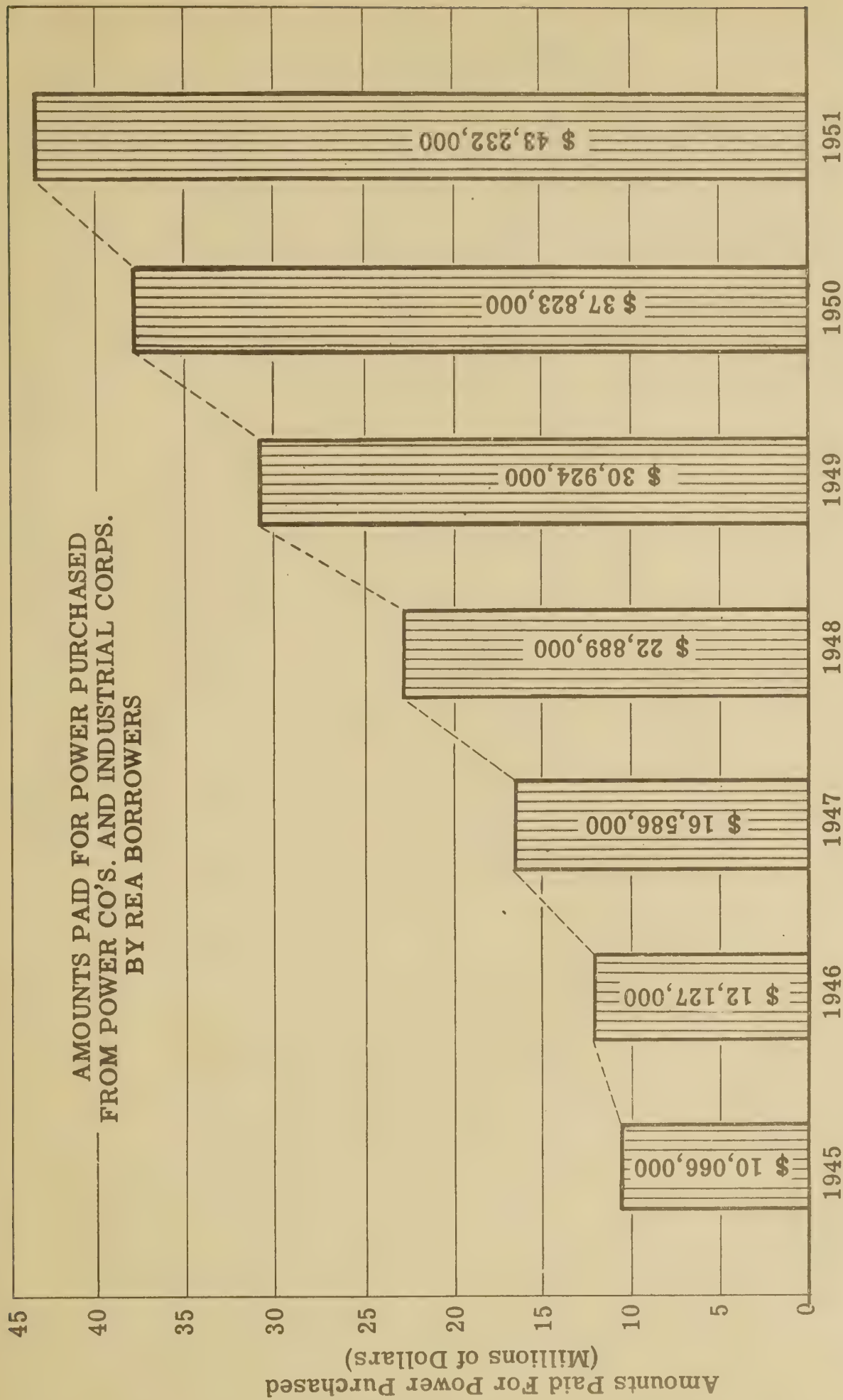
COMPARISON OF PRODUCTION PER MAN-HOUR AND PRODUCTIVITY
PER COW, INDICATING THE INCREASE IN
LABOR PRODUCTIVITY RESULTING PRIMARILY
FROM USE OF ELECTRIC POWER









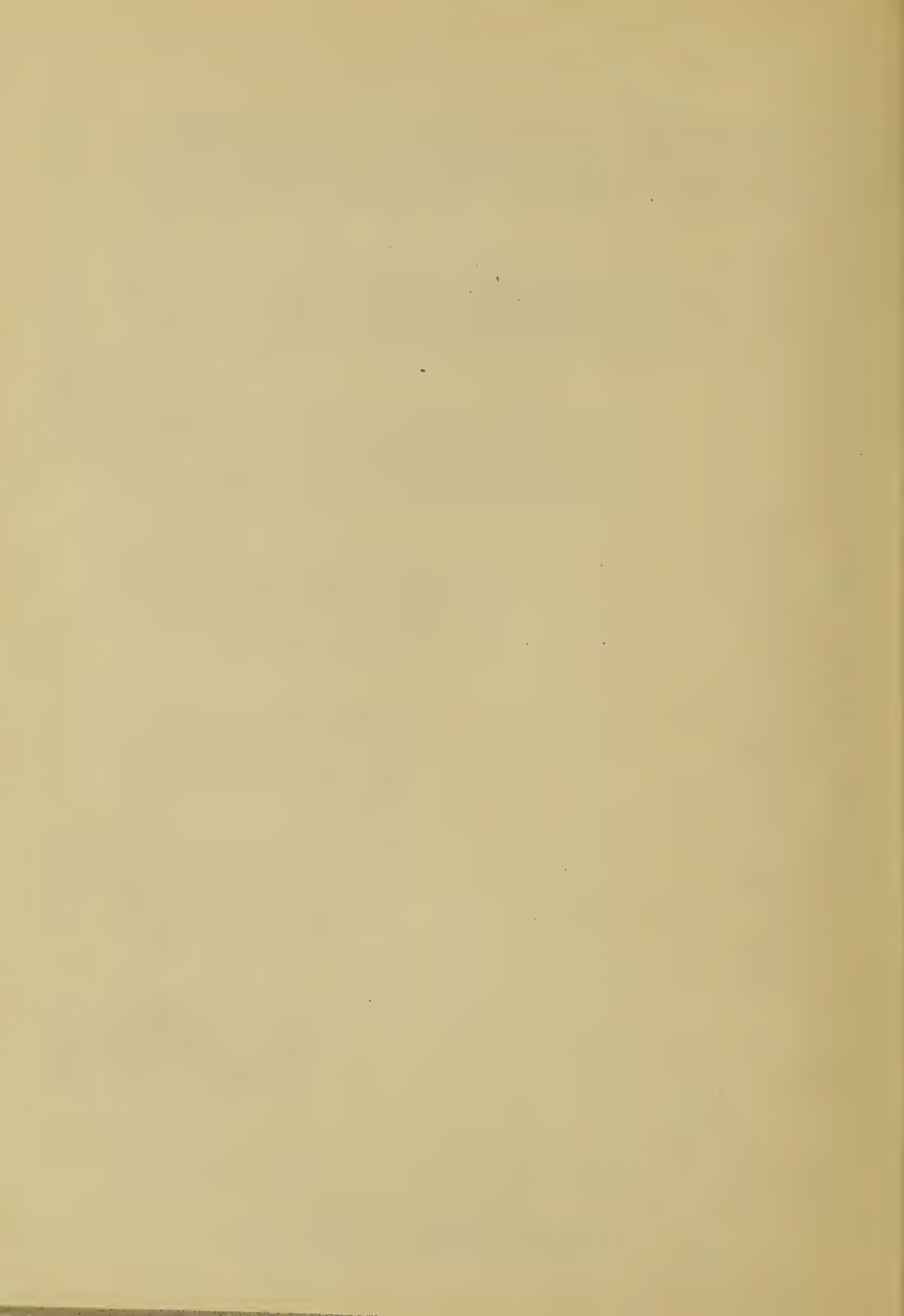


Fiscal Years

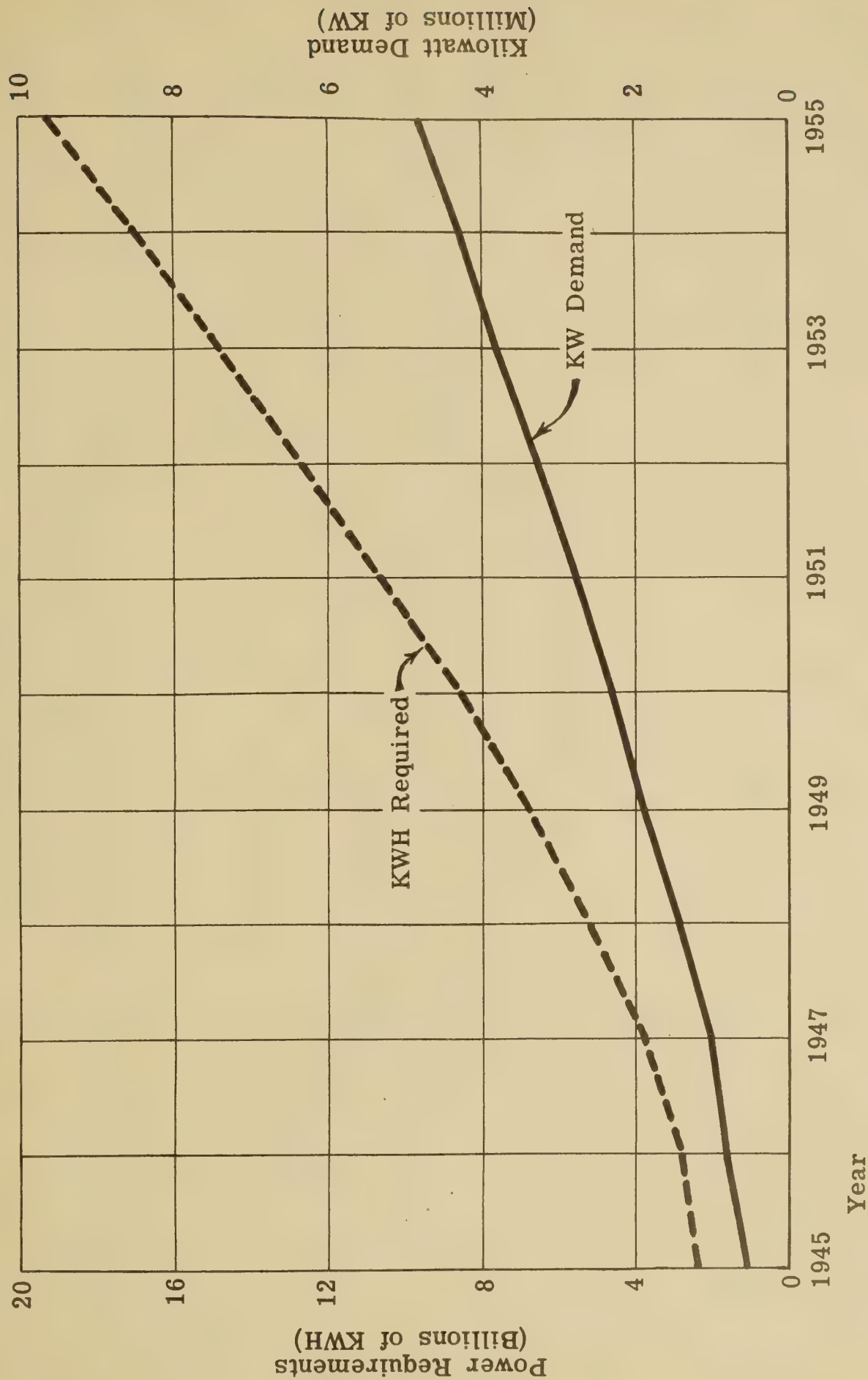
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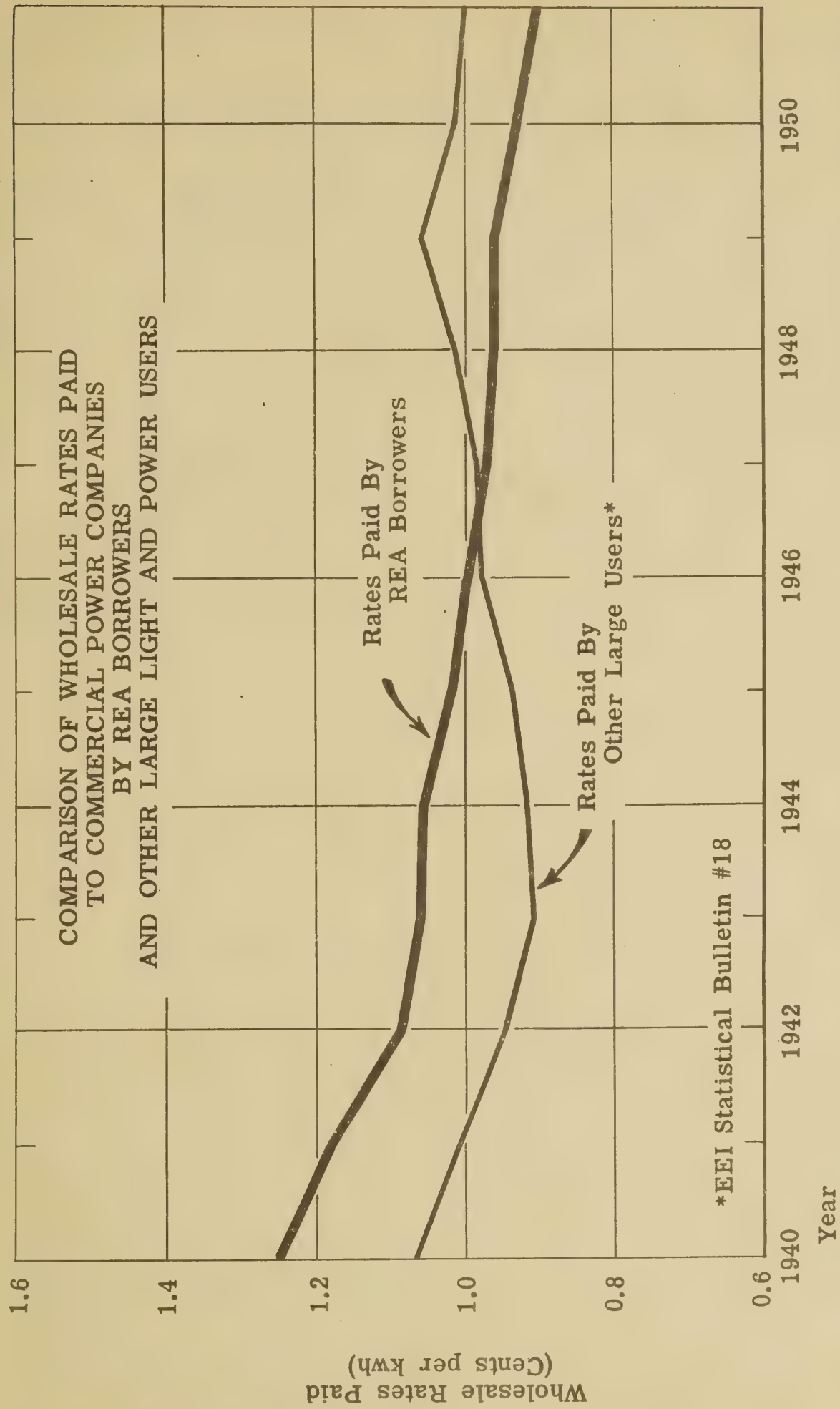
Rural Electrification Administration

Figure 21



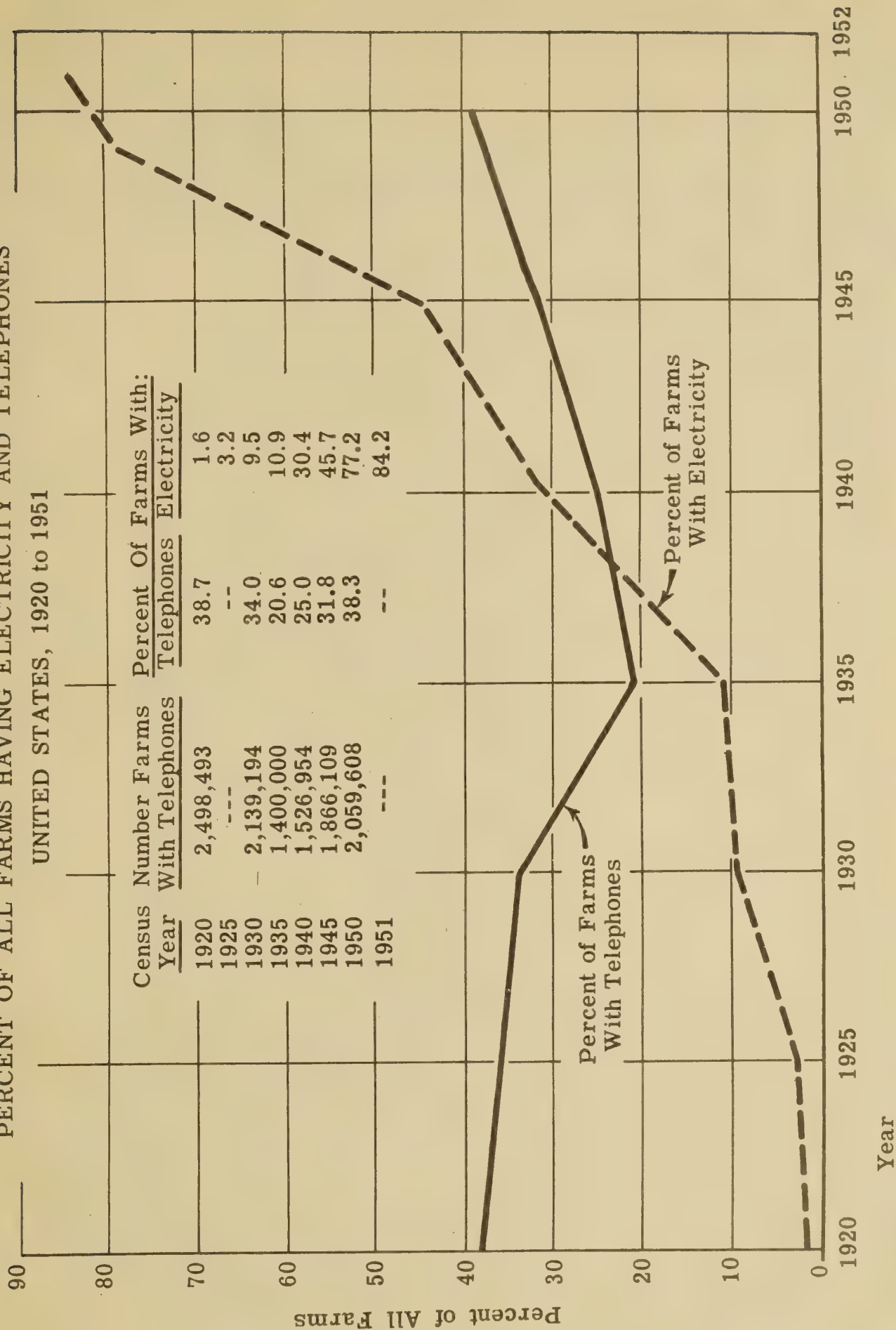
POWER REQUIREMENTS OF REA BORROWERS (1945 to 1955)





PERCENT OF ALL FARMS HAVING ELECTRICITY AND TELEPHONES

UNITED STATES, 1920 to 1951



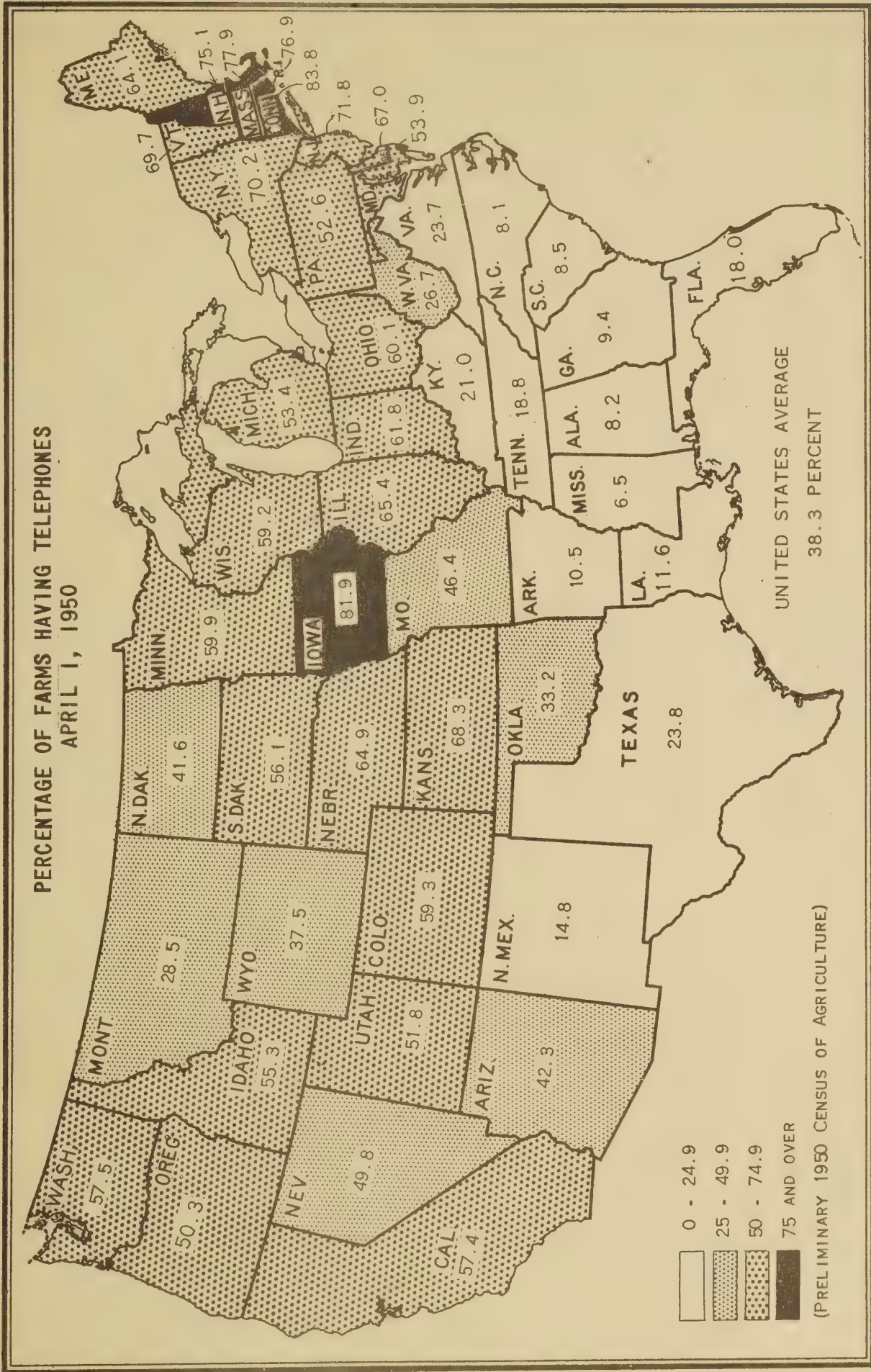
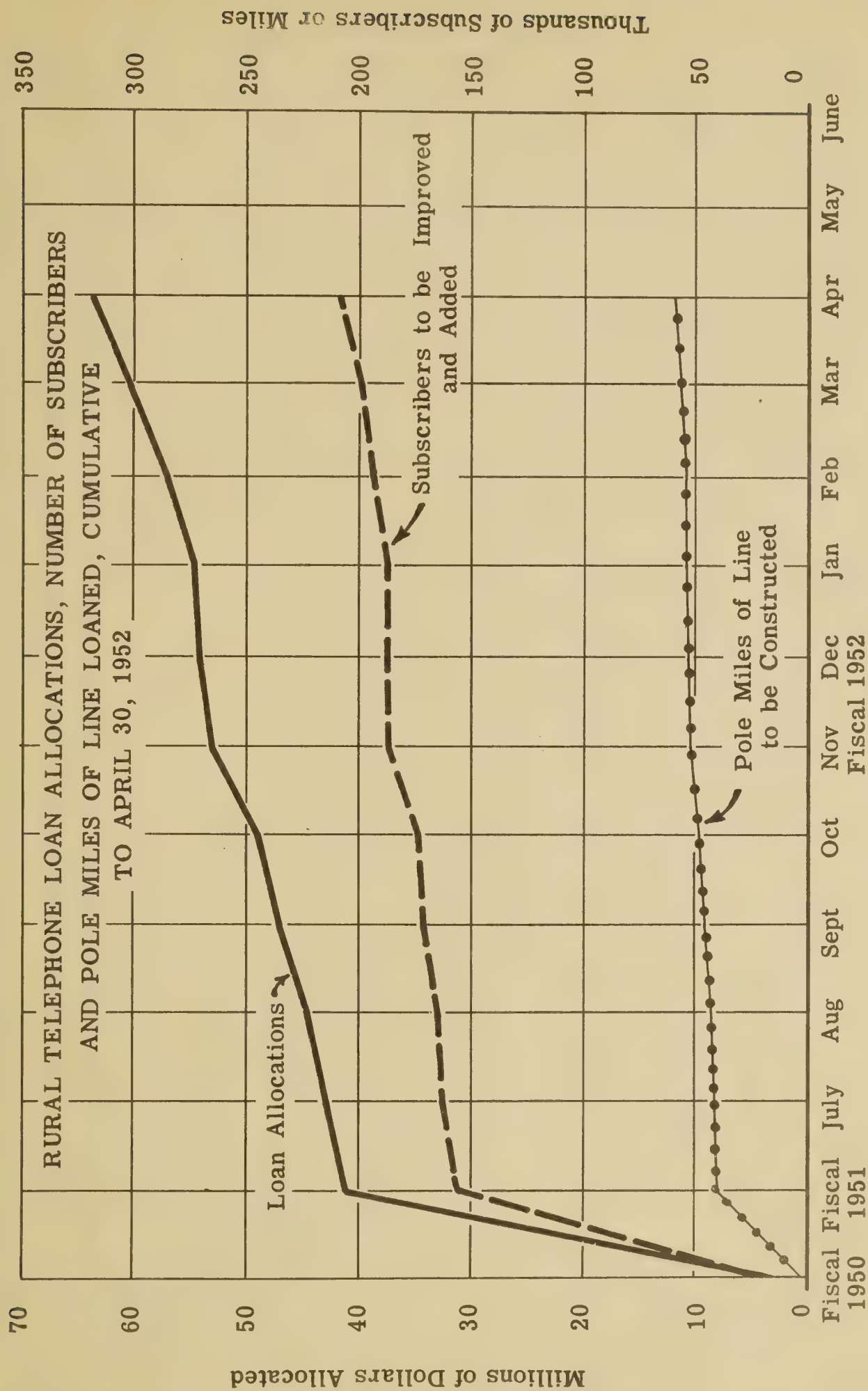
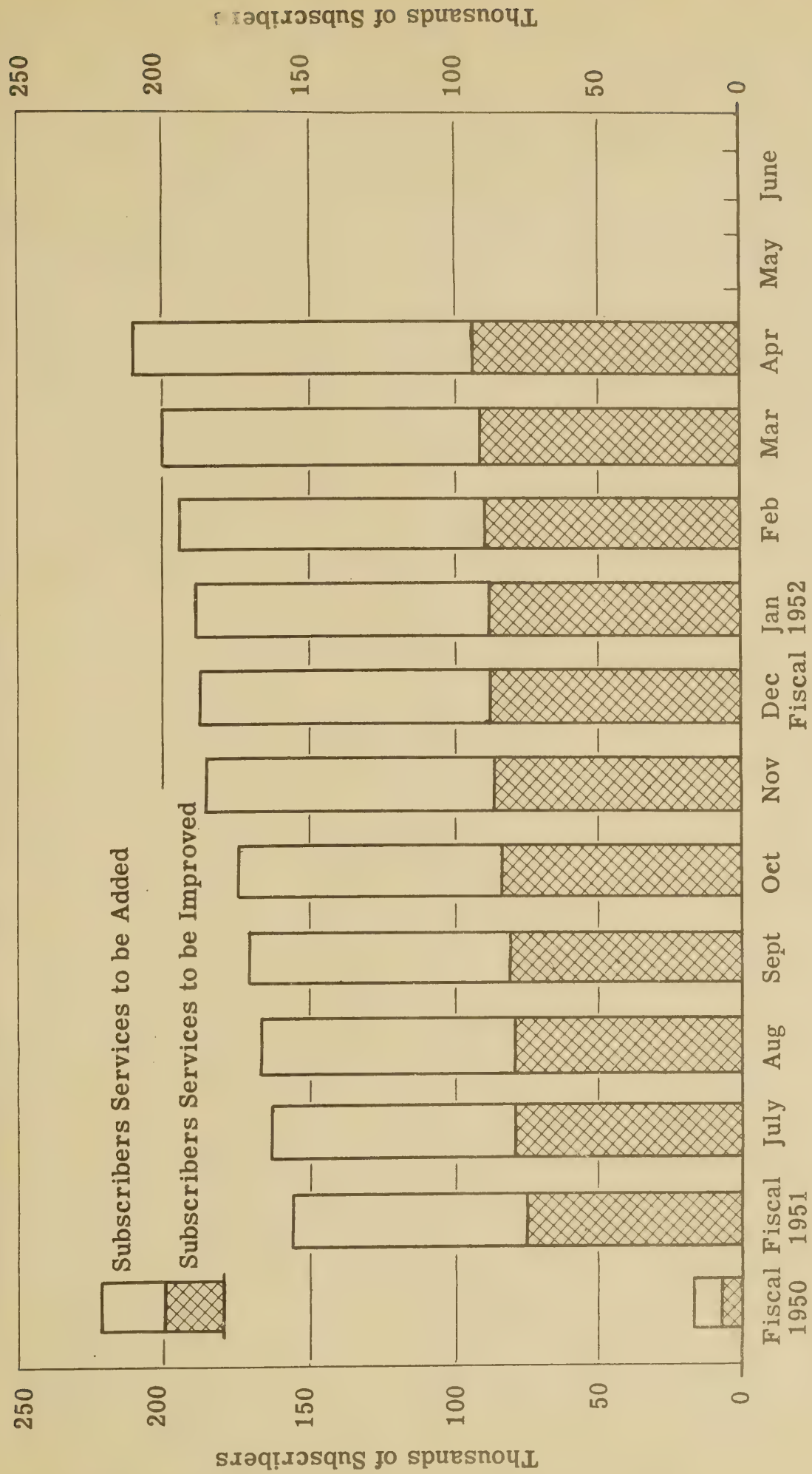
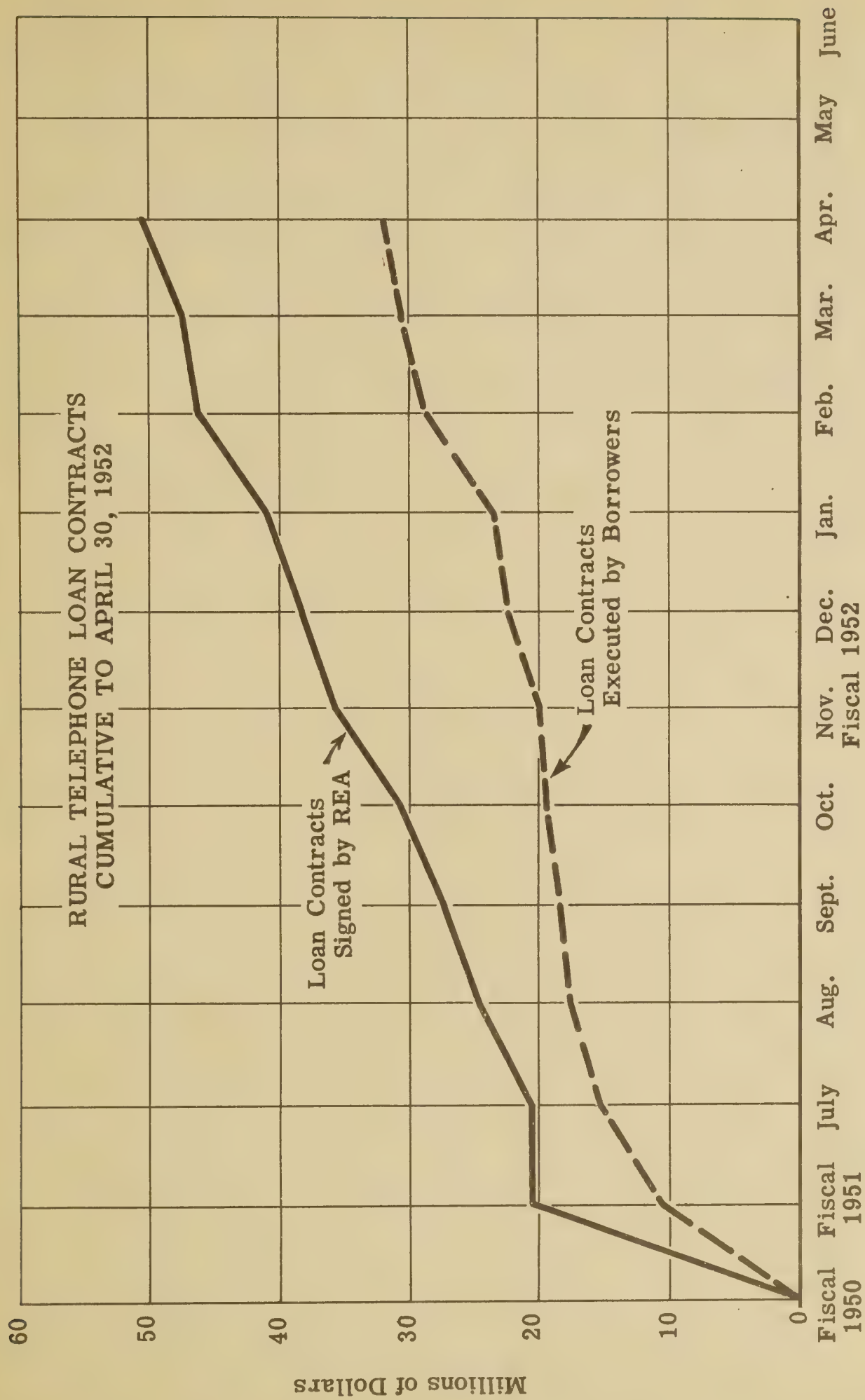


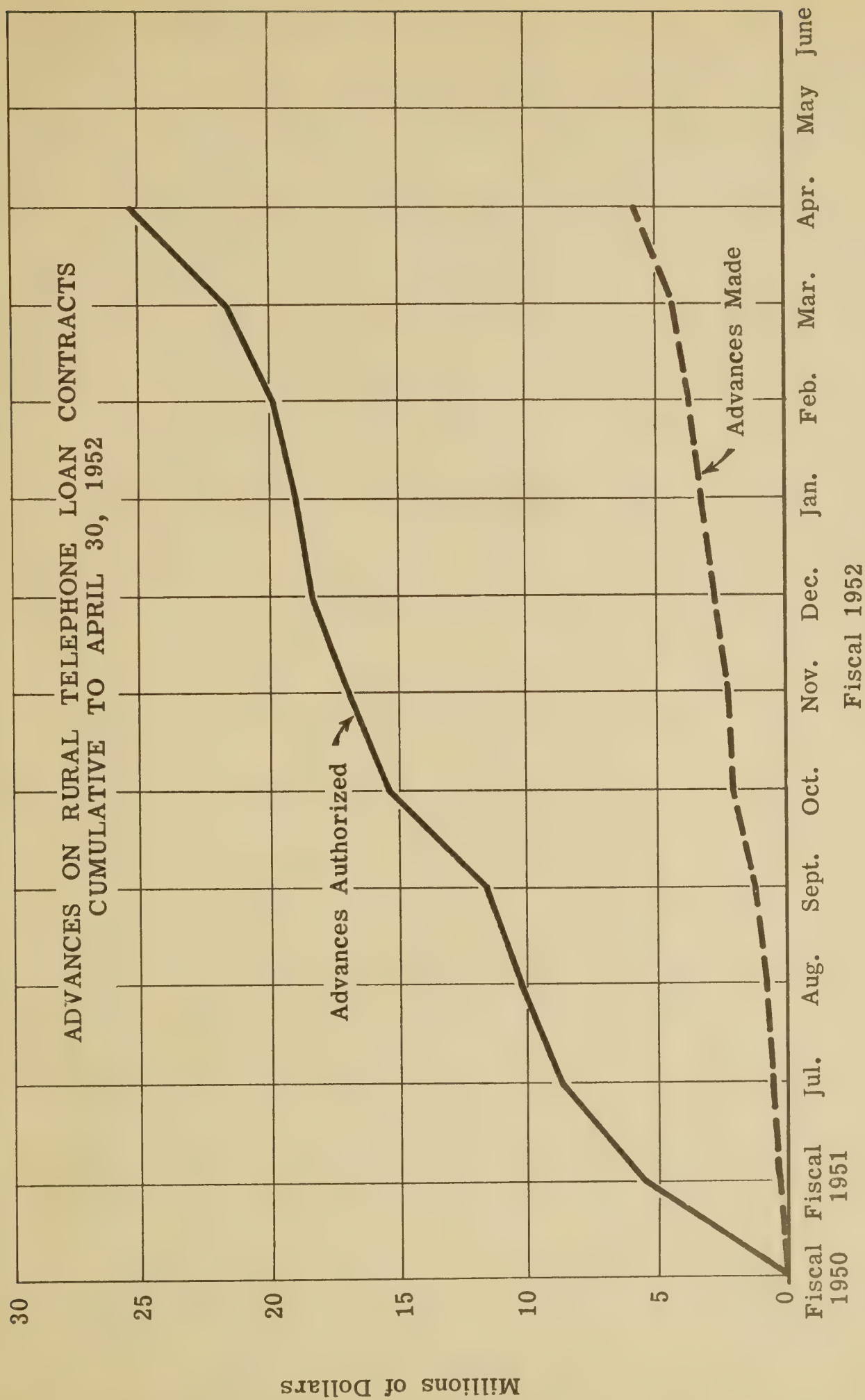
Figure 25



SUBSCRIBERS SERVICES TO BE IMPROVED AND ADDED THROUGH RURAL TELEPHONE LOAN ALLOCATIONS, CUMULATIVE TO APRIL 30, 1952







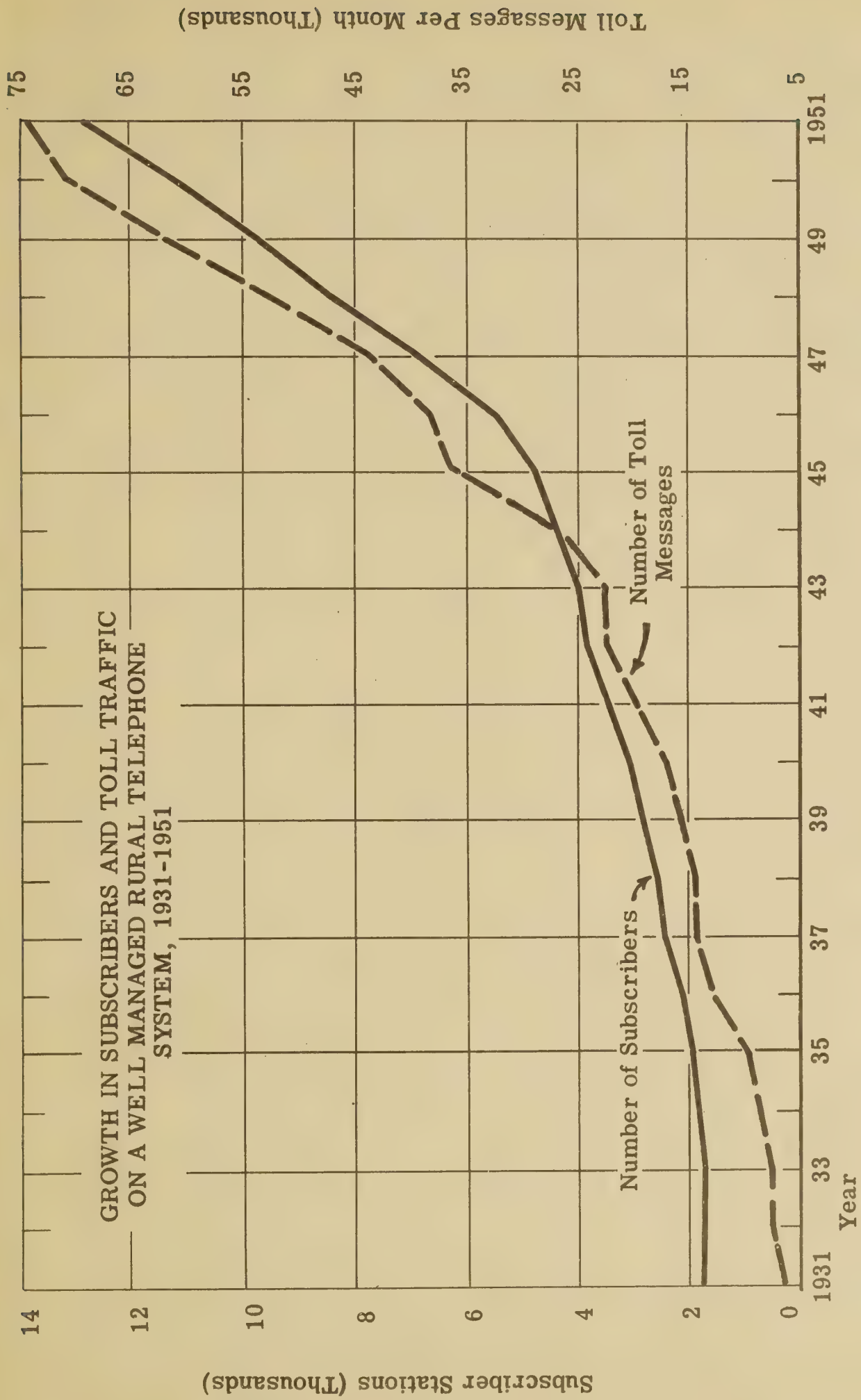
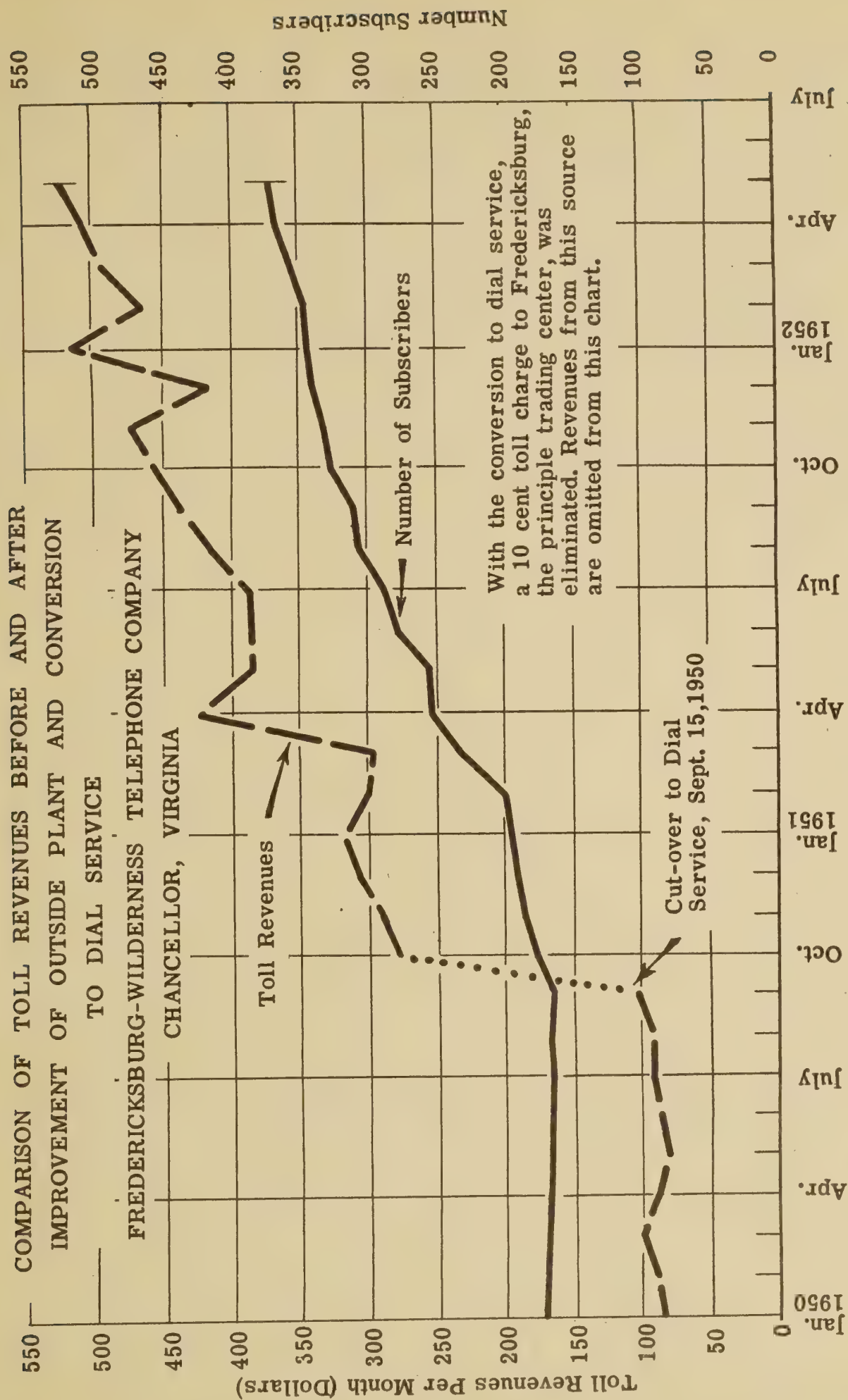
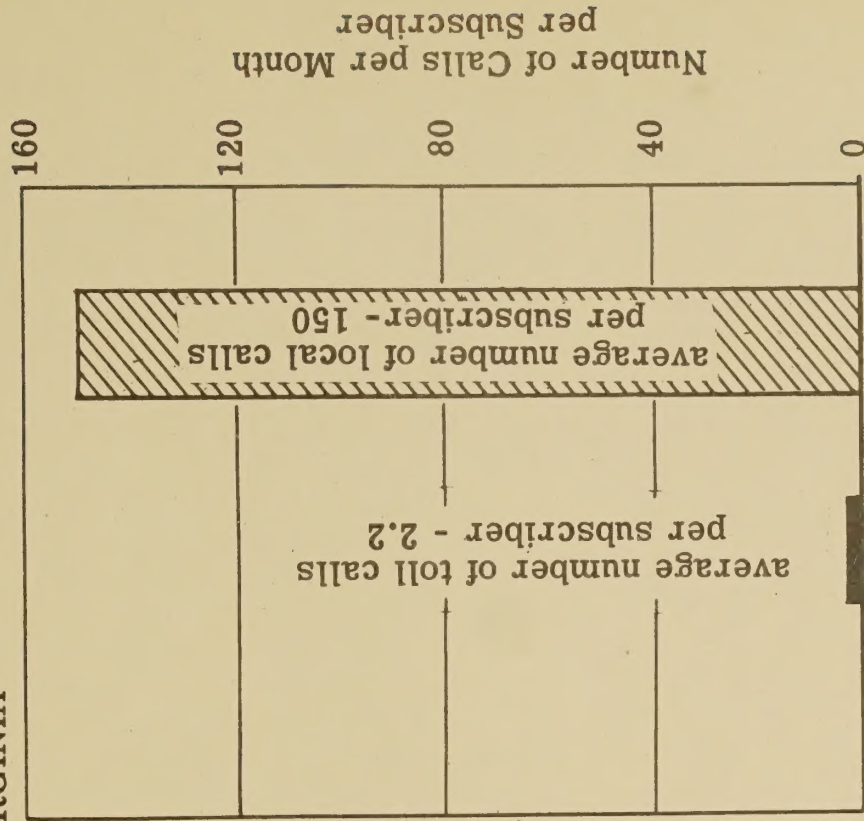
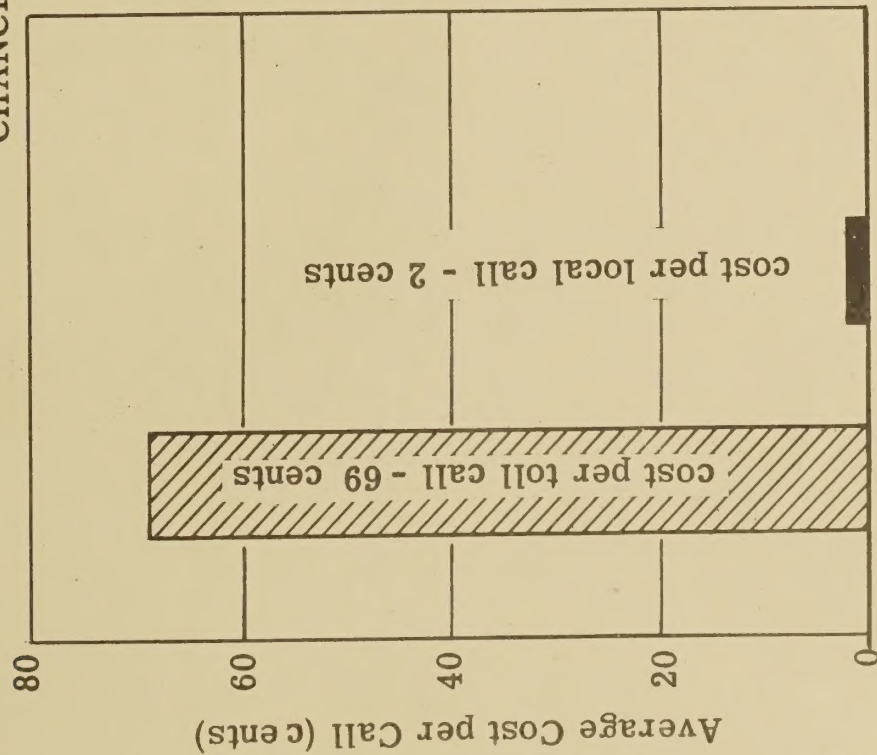


Figure 30



AVERAGE NUMBER OF CALLS PER MONTH AND AVERAGE COST PER CALL

FREDERICKSBURG-WILDERNESS TELEPHONE COMPANY
CHANCELLOR, VIRGINIA



U. S. Department of Agriculture

Rural Electrification Administration

Figure 32

